Facility DEC ID: 4012200007

PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air Title V Facility
Permit ID: 4-0122-00007/00719
Effective Date: 07/01/2020 Expiration Date: 06/30/2025

Permit Issued To:SHPP US LLC
1 Noryl Ave
Selkirk, NY 12158

Contact: SCOTT DANSEY
SABIC INNOVATIVE PLASTICS
1 NORYL AVE
SELKIRK, NY 12158
(518) 475-5011

Facility: SABIC INNOVATIVE PLASTICS US LLC
1 NORYL AVE
SELKIRK, NY 12158

Contact: JAMES J CASCIONE
SABIC INNOVATIVE PLASTICS
1 NORYL AVE
SELKIRK, NY 12158
(518) 475-3596

Description:
This is a renewal application regarding SABIC Innovative Plastics US, LLC Air Title V Permit. This permit incorporated new 6 NYCRR 212 regulations while keeping existing New York Sate Implementation Plan in place regulations are at 40 CFR 52, Subpart HH. This permit also added regulations for redundant adsorption control devices added during the previous permit term.

By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, the General Conditions specified and any Special Conditions included as part of this permit.

Permit Administrator: Nancy M Baker
NYSDEC - REGION 4
1130 N WESTCOTT RD
SCHENECTADY, NY 12306-2014

Authorized Signature: _____ Date: ___ / ___ / _____

Notification of Other State Permittee Obligations

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the compliance permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in any compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

PAGE LOCATION OF CONDITIONS

DEC GENERAL CONDITIONS
****** General Provisions ******
For the purpose of your Title V permit, the following section contains state-only enforceable terms and conditions.
GENERAL CONDITIONS - Apply to ALL Authorized Permits.

Condition 1: Facility Inspection by the Department
Applicable State Requirement: ECL 19-0305

Item 1.1:
The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71-0301 and SAPA 401(3).

Item 1.2:
The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

Item 1.3:
A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

Condition 2: Relationship of this Permit to Other Department Orders and Determinations
Applicable State Requirement: ECL 3-0301 (2) (m)

Item 2.1:
Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

Condition 3: Applications for permit renewals, modifications and transfers
Applicable State Requirement: 6 NYCRR 621.11

Item 3.1:
The permittee must submit a separate written application to the Department for renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing.

Item3.2:
The permittee must submit a renewal application at least 180 days before the expiration of permits for Title V and State Facility Permits.

Item 3.3
Permits are transferrable with the approval of the department unless specifically prohibited by the statute, regulation or another permit condition. Applications for permit transfer should be

submitted prior to actual transfer of ownership.

Condition 4: Permit modifications, suspensions or revocations by the Department
Applicable State Requirement: 6 NYCRR 621.13

Item 4.1:
The Department reserves the right to exercise all available authority to modify, suspend, or revoke this permit in accordance with 6NYCRR Part 621. The grounds for modification, suspension or revocation include:

a) materially false or inaccurate statements in the permit application or supporting papers;
b) failure by the permittee to comply with any terms or conditions of the permit;
c) exceeding the scope of the project as described in the permit application;
d) newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
e) noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

****** Facility Level ******

Condition 5: Submission of application for permit modification or renewal-REGION 4 HEADQUARTERS
Applicable State Requirement: 6 NYCRR 621.6 (a)

Item 5.1:
Submission of applications for permit modification or renewal are to be submitted to:

NYSDEC Regional Permit Administrator
Region 4 Headquarters
Division of Environmental Permits
1130 North Westcott Rd.
Schenectady, NY 12306-2014
(518) 357-2069

Permit ID: 4-0122-00007/00719 **Facility DEC ID: 4012200007**

Permit Under the Environmental Conservation Law (ECL)

ARTICLE 19: AIR POLLUTION CONTROL - TITLE V PERMIT

IDENTIFICATION INFORMATION

Permit Issued To:SHPP US LLC
1 Noryl Ave
Selkirk, NY 12158

Facility: SABIC INNOVATIVE PLASTICS US LLC
1 NORYL AVE
SELKIRK, NY 12158

Authorized Activity By Standard Industrial Classification Code:
2821 - PLASTICS MATERIALS AND RESINS
2869 - INDUSTRIAL ORGANIC CHEMICALS,NEC

Permit Effective Date: 07/01/2020 Permit Expiration Date: 06/30/2025

PAGE LOCATION OF CONDITIONS

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FEDERALLY ENFORCEABLE CONDITIONS
Facility Level

42	44	40CFR 52.1670, Subpart HH: Compliance Certification
43	45	40CFR 61.145, NESHAP Subpart M: Demolition and Renovation
43	46	40CFR 61.150, NESHAP Subpart M: Standard for waste disposal for demolition and renovation operations
44	47	40CFR 61.356(a), NESHAP Subpart FF: Recordkeeping
44	48	40CFR 61.356(b)(1), NESHAP Subpart FF: Compliance Certification
45	49	40CFR 61.357(b), NESHAP Subpart FF: Compliance Certification
45	50	40CFR 63.114(a)(5), Subpart G: Compliance Certification
46	51	40CFR 63.123(a), Subpart G: Compliance Certification
47	52	40CFR 63.160, Subpart H: Compliance Certification
48	53	40CFR 63.162, Subpart H: Compliance Certification
51	54	40CFR 63.163, Subpart H: Compliance Certification
54	55	40CFR 63.163(b)(2)(iii)('A'), Subpart H: Compliance Certification
54	56	40CFR 63.164, Subpart H: Compliance Certification
56	57	40CFR 63.165, Subpart H: Compliance Certification
57	58	40CFR 63.166, Subpart H: Compliance Certification
59	59	40CFR 63.167, Subpart H: Compliance Certification
60	60	40CFR 63.168, Subpart H: Compliance Certification
64	61	40CFR 63.169, Subpart H: Compliance Certification
66	62	40CFR 63.170, Subpart H: Compliance Certification
67	63	40CFR 63.171, Subpart H: Compliance Certification
68	64	40CFR 63.172, Subpart H: Compliance Certification
70	65	40CFR 63.173, Subpart H: Compliance Certification
71	66	40CFR 63.174, Subpart H: Compliance Certification
76	67	40CFR 63.180, Subpart H: Compliance Certification
79	68	40CFR 63.181, Subpart H: Compliance Certification
81	69	40CFR 63.181, Subpart H: Compliance Certification
85	70	40CFR 63.182, Subpart H: Compliance Certification
86	71	40CFR 63.182, Subpart H: Compliance Certification
88	72	40CFR 63.982(d), Subpart SS: Compliance Certification
89	73	40CFR 63.982(e), Subpart SS: Compliance Certification
89	74	40CFR 63.990(b), Subpart SS: Compliance Certification
90	75	40CFR 63.990(c)(2), Subpart SS: Compliance Certification
91	76	40CFR 63.2450(k), Subpart FFFF: Compliance Certification
92	77	40CFR 63.2450(r), Subpart FFFF: Surge control vessels and bottoms receivers
93	78	40CFR 63.2455(a), Subpart FFFF: Compliance Certification
93	79	40CFR 63.2455(b), Subpart FFFF: Compliance Certification
94	80	40CFR 63.2455(c), Subpart FFFF: Compliance Certification
95	81	40CFR 63.2460(a), Subpart FFFF: Compliance Certification
95	82	40CFR 63.2460(b), Subpart FFFF: Compliance Certification
96	83	40CFR 63.2470(d), Subpart FFFF: Compliance Certification
97	84	40CFR 63.2475, Subpart FFFF: Compliance Certification
98	85	40CFR 63.2480, Subpart FFFF: Compliance Certification
99	86	40CFR 63.2485, Subpart FFFF: Compliance Certification
99	87	40CFR 63.2490, Subpart FFFF: Compliance Certification
100	88	40CFR 63.2520, Subpart FFFF: Compliance Certification
101	89	40CFR 63, Subpart GGGGG: Compliance Certification
101	90	40CFR 63, Subpart ZZZZ: Applicability
		Emission Unit Level
102	91	6 NYCRR Subpart 201-6: Emission Point Definition By Emission Unit
126	92	6 NYCRR Subpart 201-6: Process Definition By Emission Unit

EU=A-PAREA

152 93 40CFR 63.102(a), Subpart F: Startup, shutdown, malfunction operational standards
152 94 40CFR 63.103(a), Subpart F: Applicability of General Provisions
153 95 40CFR 63.103(b)(1), Subpart F: Scheduling of initial performance tests
153 96 40CFR 63.103(b)(5), Subpart F: Waiver of performance test
153 97 40CFR 63.103(c)(1), Subpart F: Record retention*
154 98 40CFR 63.103(c)(2), Subpart F: Compliance Certification
155 99 40CFR 63.103(d), Subpart F: Submittal of reports

EU=A-PAREA,Proc=AFE,ES=APHES

155 100 40CFR 63.104, Subpart F: Delay of repair provisions for heat exchange systems
156 101 40CFR 63.104, Subpart F: Provisions for handling leaks found in heat exchanger coolant
157 102 40CFR 63.104, Subpart F: Compliance Certification
158 103 40CFR 63.104(a)(1), Subpart F: Exemption from monitoring of heat exchange system - pressurizing coolant water
158 104 40CFR 63.104(a)(2), Subpart F: Exemptions from heat exchange system monitoring - prescence of intervening coolant

EU=A-PAREA,Proc=AFE,ES=APMWW

158 105 40CFR 63.105, Subpart F: Compliance Certification

EU=A-PAREA,Proc=AFE,ES=APPWW

159 106 40CFR 63.132(a)(3), Subpart G: Compliance Certification
160 107 40CFR 63.146(b)(2), Subpart G: Process wastewater reporting provisions - reporting for Group 2 streams
161 108 40CFR 63.147(a), Subpart G: Process wastewater provisions - recordkeeping - transfer of Group 1 wastewater

EU=A-PAREA,Proc=AT4

161 109 40CFR 63.119(e), Subpart G: Compliance Certification
162 110 40CFR 63.152(c)(1), Subpart G: Periodic reports
163 111 40CFR 63.152(d)(1), Subpart G: Compliance Certification

EU=A-PAREA,Proc=AT4,ES=MF150

163 112 6 NYCRR 229.3 (e) (1): VOL fixed roof storage tank requirements

EU=A-PAREA,Proc=HOF

164 113 40CFR 52.1670, Subpart HH: Compliance Certification

EU=A-PAREA,EP=00282

164 114 40CFR 63.119(e)(1), Subpart G: Compliance Certification
165 115 40CFR 63.119(e)(1), Subpart G: Compliance Certification

EU=A-PAREA,EP=01212

166 116 40CFR 63.113(b), Subpart G: Requirements for boilers/process heaters used to comply with process vent standards

166 117 40CFR 63.113(e), Subpart G: Standards for group 2 process vents
166 118 40CFR 63.114(b), Subpart G: Compliance Certification
167 119 40CFR 63.114(d)(2), Subpart G: Compliance Certification
168 120 40CFR 63.115(d)(1), Subpart G: Compliance Certification
169 121 40CFR 63.117(a)(4)(iii), Subpart G: Compliance Certification
169 122 40CFR 63.117(b), Subpart G: Compliance Certification
170 123 40CFR 63.118(a)(2), Subpart G: Compliance Certification
171 124 40CFR 63.118(c), Subpart G: Compliance Certification
171 125 40CFR 63.118(h), Subpart G: Compliance Certification

EU=H-IPSBG

172 126 40CFR 63.113(b), Subpart G: Requirements for boilers/process heaters used to comply with process vent standards
172 127 40CFR 63.1311(f), Subpart JJJ: Part 63 General Provisions requirements
172 128 40CFR 63.1313(a), Subpart JJJ: Emission standards
173 129 40CFR 63.1317, Subpart JJJ: Monitoring provisions for polystyrene production
173 130 40CFR 63.1319(a), Subpart JJJ: Recordkeeping provisions for polystyrene production
174 131 40CFR 63.1320(a), Subpart JJJ: Reporting provisions for polystyrene production
174 132 40CFR 63.1335, Subpart JJJ: Compliance Certification
176 133 40CFR 63.1335(e)(6), Subpart JJJ: Periodic Reports

EU=H-IPSBG,Proc=HFE

176 134 40CFR 63.1311(o), Subpart JJJ: Compliance Certification
177 135 40CFR 63.1331, Subpart JJJ: Compliance Certification

EU=H-IPSBG,Proc=HFE,ES=H-HES

179 136 40CFR 63.1328, Subpart JJJ: Heat exchange systems provisions

EU=H-IPSBG,Proc=HPV

179 137 40CFR 63.1315, Subpart JJJ: Provisions for continuous process vents
179 138 40CFR 63.1316, Subpart JJJ: Compliance Certification

EU=H-IPSBG,Proc=HT3

180 139 40CFR 52.1670, Subpart HH: Compliance Certification

EU=H-IPSBG,EP=03041

181 140 40CFR 63.1316, Subpart JJJ: Compliance Certification

EU=R-ESBLG

182 141 40CFR 63.996, Subpart SS: Compliance Certification
184 142 40CFR 63.998, Subpart SS: Compliance Certification
191 143 40CFR 63.999, Subpart SS: Compliance Certification
197 144 40CFR 63.2450(a), Subpart FFFF: General compliance requirements
197 145 40CFR 63.2450(l), Subpart FFFF: Startup, shutdown, malfunction requirements
198 146 40CFR 63.2450(m), Subpart FFFF: General reporting requirement clarifications
198 147 40CFR 63.2525, Subpart FFFF: Compliance Certification

198 148 40CFR 63.2540, Subpart FFFF: General provisions of subpart A

EU=R-ESBLG,Proc=RPH,ES=HS255

199 149 40CFR 63.7495(a), Subpart DDDDD: Compliance Certification
199 150 40CFR 63.7565, Subpart DDDDD: General provisions

EU=R-ESBLG,Proc=RRX

200 151 40CFR 52.1670, Subpart HH: Compliance Certification

EU=R-ESBLG,Proc=RT5

200 152 40CFR 63.982(c), Subpart SS: Closed vent system with nonflare control device
201 153 40CFR 63.983, Subpart SS: Compliance Certification
206 154 40CFR 63.985, Subpart SS: Compliance Certification
207 155 40CFR 63.2450(c)(2), Subpart FFFF: Requirements for combined emission streams
208 156 40CFR 63.2450(e)(1), Subpart FFFF: Requirements for control devices

EU=R-ESBLG,Proc=RT6

209 157 40CFR 63.2470(a), Subpart FFFF: Compliance Certification

EU=R-ESBLG,EP=00306,Proc=RT2,ES=00306

209 158 40CFR 52.1670, Subpart HH: Compliance Certification

EU=R-ESBLG,EP=00460,Proc=RT5

210 159 40CFR 63.2450(c)(2), Subpart FFFF: Compliance Certification

EU=R-ESBLG,EP=01305,Proc=RT2,ES=RM606

211 160 40CFR 52.1670, Subpart HH: Compliance Certification

EU=R-ESBLG,EP=01365,Proc=RWS

211 161 40CFR 63.2455(c), Subpart FFFF: Compliance Certification

EU=R-ESBLG,EP=01365,Proc=RWS,ES=IVSMS

213 162 40CFR 52.1670, Subpart HH: Compliance Certification
214 163 40CFR 52.1670, Subpart HH: Compliance Certification

EU=R-ESBLG,EP=01366,Proc=RPV,ES=01366

215 164 40CFR 52.1670, Subpart HH: Compliance Certification

EU=R-ESBLG,EP=01379,Proc=RT4,ES=T1379

216 165 40CFR 52.1670, Subpart HH: Compliance Certification

EU=S-FSBLG,Proc=FEX,ES=C2593

217 166 40CFR 52.1670, Subpart HH: Compliance Certification

STATE ONLY ENFORCEABLE CONDITIONS

Facility Level

219 167 ECL 19-0301: Contaminant List
220 168 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
221 169 6 NYCRR 201-6.5 (a): CLCPA Applicability
221 170 6 NYCRR 211.1: Air pollution prohibited

222	171	6 NYCRR 212-1.5 (e) (2): Compliance Demonstration
223	172	6 NYCRR 212-2.1 (a): Compliance Demonstration
224	173	6 NYCRR 212-2.1 (b): Compliance Demonstration
225	174	6 NYCRR 212-2.1 (b): Compliance Demonstration
226	175	6 NYCRR 212-2.1 (b): Compliance Demonstration
227	176	6 NYCRR 212-2.4 (b): Compliance Demonstration
230	177	6 NYCRR 212-3.1: Compliance Demonstration
230	178	6 NYCRR 212-3.1 (c) (4) (i): Compliance Demonstration
232	179	6 NYCRR 212-3.1 (c) (4) (i): Compliance Demonstration
233	180	6 NYCRR 212-3.1 (c) (4) (i): Compliance Demonstration
234	181	6 NYCRR 212-3.1 (c) (4) (i): Compliance Demonstration
234	182	6 NYCRR 212-3.1 (c) (4) (i): Compliance Demonstration

FEDERALLY ENFORCEABLE CONDITIONS

Renewal 2/FINAL ****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

The items listed below are not subject to the annual compliance certification requirements under Title V. Permittees may also have other obligations under regulations of general applicability.

Item A: **Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10 (b)**

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.

Item B: **Timely Application for the Renewal of Title V Permits - 6 NYCRR 201-6.2 (a) (4)**

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item C: **Certification by a Responsible Official - 6 NYCRR 201-6.2 (d) (12)**

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item D: **Requirement to Comply With All Conditions - 6 NYCRR 201-6.4 (a) (2)**

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item E: **Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR 201-6.4 (a) (3)**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and

reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item F: **Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.4 (a) (5)**

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item G: **Property Rights - 6 NYCRR 201-6.4 (a) (6)**

This permit does not convey any property rights of any sort or any exclusive privilege.

Item H: **Severability - 6 NYCRR 201-6.4 (a) (9)**

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item I: **Permit Shield - 6 NYCRR 201-6.4 (g)**

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;

ii. The liability of a permittee of the Title V

facility for any violation of applicable requirements prior to or at the time of permit issuance;

iii. The applicable requirements of Title IV of the Act;

iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item J: Reopening for Cause - 6 NYCRR 201-6.4 (i)

This Title V permit shall be reopened and revised under any of the following circumstances:

i. When additional applicable requirements under the act become applicable to a title V facility with a remaining permit term of three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the department pursuant to the provisions of section 201- 6.6 of this Subpart.

ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.

iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit

is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item K: **Permit Exclusion - ECL 19-0305**
The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item L: **Federally Enforceable Requirements - 40 CFR 70.6 (b)**
All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS SUBJECT TO ANNUAL CERTIFICATIONS AT ALL TIMES

The following federally enforceable permit conditions are mandatory for all Title V permits and are subject to annual compliance certification requirements at all times.

Condition 1: **Acceptable Ambient Air Quality**
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 200.6

Item 1.1:
Notwithstanding the provisions of 6 NYCRR Chapter III, Subchapter A, no person shall allow or permit any air contamination source to emit air contaminants in quantities which alone or in combination with emissions from other air contamination sources would contravene any applicable ambient air quality standard and/or cause air pollution. In such cases where

contravention occurs or may occur, the Commissioner shall specify the degree and/or method of emission control required.

Condition 2: Fees
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (7)

Item 2.1:
The owner and/or operator of a stationary source shall pay fees to the Department consistent with the fee schedule authorized by ECL 72-0303.

Condition 3: Recordkeeping and Reporting of Compliance Monitoring
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (c)

Item 3.1:
The following information must be included in any required compliance monitoring records and reports:

(i) The date, place, and time of sampling or measurements;

(ii) The date(s) analyses were performed;

(iii)The company or entity that performed the analyses;

(iv) The analytical techniques or methods used including quality assurance and quality control procedures if required;

(v) The results of such analyses including quality assurance data where required; and

(vi) The operating conditions as existing at the time of sampling or measurement.

Any deviation from permit requirements must be clearly identified in all records and reports. Reports must be certified by a responsible official, consistent with Section 201-6.2 of Part 201.

Condition 4: Records of Monitoring, Sampling, and Measurement
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (2)

Item 4.1:
Compliance monitoring and recordkeeping shall be conducted according to the terms and conditions contained in this permit and shall follow all quality assurance requirements found in applicable regulations. Records of all monitoring data and support information must be retained for a period of at least 5 years from the date of the monitoring, sampling, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all

reports required by the permit.

Condition 5: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (c) (3) (ii)

Item 5.1:
The Compliance Certification activity will be performed for the Facility.

Item 5.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

To meet the requirements of this facility permit with respect to reporting, the permittee must:

Submit reports of any required monitoring at a minimum frequency of every 6 months, based on a calendar year reporting schedule. These reports shall be submitted to the Department within 30 days after the end of a reporting period. All instances of deviations from permit requirements must be clearly identified in such reports. All required reports must be certified by the responsible official for this facility.

Notify the Department and report permit deviations and incidences of noncompliance stating the probable cause of such deviations, and any corrective actions or preventive measures taken. Where the underlying applicable requirement contains a definition of prompt or otherwise specifies a time frame for reporting deviations, that definition or time frame shall govern. Where the underlying applicable requirement fails to address the time frame for reporting deviations, reports of deviations shall be submitted to the permitting authority based on the following schedule:

(1) For emissions of a hazardous air pollutant (as identified in an applicable regulation) that continue for more than an hour in excess of permit requirements, the report must be made within 24 hours of the occurrence.

(2) For emissions of any regulated air pollutant, excluding those listed in paragraph (1) of this section, that continue for more than two hours in excess of permit requirements, the report must be made within 48 hours.

(3) For all other deviations from permit requirements,

the report shall be contained in the 6 month monitoring report required above.

(4) This permit may contain a more stringent reporting requirement than required by paragraphs (1), (2) or (3) above. If more stringent reporting requirements have been placed in this permit or exist in applicable requirements that apply to this facility, the more stringent reporting requirement shall apply.

If above paragraphs (1) or (2) are met, the source must notify the permitting authority by telephone during normal business hours at the Regional Office of jurisdiction for this permit, attention Regional Air Pollution Control Engineer (RAPCE) according to the timetable listed in paragraphs (1) and (2) of this section. For deviations and incidences that must be reported outside of normal business hours, on weekends, or holidays, the DEC Spill Hotline phone number at 1-800-457-7362 shall be used. A written notice, certified by a responsible official consistent with 6 NYCRR Part 201-6.2(d)(12), must be submitted within 10 working days of an occurrence for deviations reported under (1) and (2). All deviations reported under paragraphs (1) and (2) of this section must also be identified in the 6 month monitoring report required above.

The provisions of 6 NYCRR 201-1.4 shall apply if the permittee seeks to have a violation excused unless otherwise limited by regulation. In order to have a violation of a federal regulation (such as a new source performance standard or national emissions standard for hazardous air pollutants) excused, the specific federal regulation must provide for an affirmative defense during start-up, shutdowns, malfunctions or upsets. Notwithstanding any recordkeeping and reporting requirements in 6 NYCRR 201-1.4, reports of any deviations shall not be on a less frequent basis than the reporting periods described in paragraphs (1) and (4) above.

In the case of any condition contained in this permit with a reporting requirement of "Upon request by regulatory agency" the permittee shall include in the semiannual report, a statement for each such condition that the monitoring or recordkeeping was performed as required or requested and a listing of all instances of deviations from these requirements.

In the case of any emission testing performed during the previous six month reporting period, either due to a request by the Department, EPA, or a regulatory requirement, the permittee shall include in the semiannual

report a summary of the testing results and shall indicate whether or not the Department or EPA has approved the results.

All semiannual reports may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). Mailing addresses for the above referenced persons are contained in the monitoring condition for 6 NYCRR Part 201-6.4(e), contained elsewhere in this permit.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 6: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (e)

Item 6.1:
The Compliance Certification activity will be performed for the Facility.

Item 6.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Requirements for compliance certifications with terms and conditions contained in this facility permit include the following:

i. Compliance certifications shall contain:
- the identification of each term or condition of the permit that is the basis of the certification;
- the compliance status;
- whether compliance was continuous or intermittent;
- the method(s) used for determining the compliance status of the facility, currently and over the reporting period consistent with the monitoring and related recordkeeping and reporting requirements of this permit;
- such other facts as the Department may require to determine the compliance status of the facility as

specified in any special permit terms or conditions; and
- such additional requirements as may be specified elsewhere in this permit related to compliance certification.

ii. The responsible official must include in the annual certification report all terms and conditions contained in this permit which are identified as being subject to certification, including emission limitations, standards, or work practices. That is, the provisions labeled herein as "Compliance Certification" are not the only provisions of this permit for which an annual certification is required.

iii. Compliance certifications shall be submitted annually. Certification reports are due 30 days after the anniversary date of four consecutive calendar quarters. The first report is due 30 days after the calendar quarter that occurs just prior to the permit anniversary date, unless another quarter has been acceptable by the Department.

iv. All annual compliance certifications may be submitted electronically or physically. Electronic reports shall be submitted using the Department's Air Compliance and Emissions Electronic-Reporting system (ACE). If the facility owner or operator elects to send physical copies instead, two copies shall be sent to the Department (one copy to the regional air pollution control engineer (RAPCE) in the regional office and one copy to the Bureau of Quality Assurance (BQA) in the DEC central office) and one copy shall be sent to the Administrator (or his or her representative). The mailing addresses for the above referenced persons are:

Chief – Air Compliance Branch
USEPA Region 2 DECA/ACB
290 Broadway, 21st Floor
New York, NY 10007

The address for the RAPCE is as follows:

Regional Air Pollution Control Engineer
NYSDEC Region 4 Headquarters
1130 North Westcott Road
Schenectady, NY 12306-2014

The address for the BQA is as follows:

NYSDEC
Bureau of Quality Assurance

625 Broadway
Albany, NY 12233-3258

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2021.
Subsequent reports are due on the same day each year

Condition 7: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 202-2.1

Item 7.1:
The Compliance Certification activity will be performed for the Facility.

Item 7.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Emission statements shall be submitted on or before April 15th each year for emissions of the previous calendar year.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due by April 15th for previous calendar year

Condition 8: Recordkeeping requirements
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 202-2.5

Item 8.1:
(a) The following records shall be maintained for at least five years:

(1) a copy of each emission statement submitted to the department; and

(2) records indicating how the information submitted in the emission statement was determined, including any calculations, data, measurements, and estimates used.

(b) These records shall be made available at the facility to the representatives of the department upon request during normal business hours.

Condition 9: Open Fires - Prohibitions
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 215.2

Item 9.1:

Except as allowed by Title 6 NYCRR Section 215.3, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

Item 9.2
Per Section 215.3, burning in an open fire, provided it is not contrary to other law or regulation, will be allowed as follows:
(a) On-site burning in any town with a total population less than 20,000 of downed limbs and branches (including branches with attached leaves or needles) less than six inches in diameter and eight feet in length between May 15th and the following March 15th. For the purposes of this subdivision, the total population of a town shall include the population of any village or portion thereof located within the town. However, this subdivision shall not be construed to allow burning within any village.
(b) Barbecue grills, maple sugar arches and similar outdoor cooking devices when actually used for cooking or processing food.
(c) Small fires used for cooking and camp fires provided that only charcoal or untreated wood is used as fuel and the fire is not left unattended until extinguished.
(d) On-site burning of agricultural wastes as part of a valid agricultural operation on contiguous agricultural lands larger than five acres actively devoted to agricultural or horticultural use, provided such waste is actually grown or generated on those lands and such waste is capable of being fully burned within a 24-hour period.
(e) The use of liquid petroleum fueled smudge pots to prevent frost damage to crops.
(f) Ceremonial or celebratory bonfires where not otherwise prohibited by law, provided that only untreated wood or other agricultural products are used as fuel and the fire is not left unattended until extinguished.
(g) Small fires that are used to dispose of a flag or religious item, and small fires or other smoke producing process where not otherwise prohibited by law that are used in connection with a religious ceremony.
(h) Burning on an emergency basis of explosive or other dangerous or contraband materials by police or other public safety organization.
(i) Prescribed burns performed according to Part 194 of this Title.
(j) Fire training, including firefighting, fire rescue, and fire/arson investigation training, performed under applicable rules and guidelines of the New York State Department of State's Office of Fire Prevention and Control. For fire training performed on acquired structures, the structures must be emptied and stripped of any material that is toxic, hazardous or likely to emit toxic smoke (such as asbestos, asphalt shingles and vinyl siding or other vinyl products) prior to burning and must be at least 300 feet from other occupied structures. No more than one structure per lot or within a 300 foot radius (whichever is bigger) may be burned in a training exercise.
(k) Individual open fires as approved by the Director of the Division of Air Resources as may be required in response to an outbreak of a plant or animal disease upon request by the commissioner of the Department of Agriculture and Markets, or for the destruction of invasive plant and insect species.
(l) Individual open fires that are otherwise authorized under the environmental conservation law, or by rule or regulation of the Department.

MANDATORY FEDERALLY ENFORCEABLE PERMIT CONDITIONS
SUBJECT TO ANNUAL CERTIFICATIONS ONLY IF APPLICABLE

The following federally enforceable permit conditions are mandatory for all

Title V permits and are subject to annual compliance certification requirements only if effectuated during the reporting period. [NOTE: The corresponding annual compliance certification for those conditions not effectuated during the reporting period shall be specified as "not applicable".]

Condition 10: Maintenance of Equipment
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 200.7

Item 10.1:
Any person who owns or operates an air contamination source which is equipped with an emission control device shall operate such device and keep it in a satisfactory state of maintenance and repair in accordance with ordinary and necessary practices, standards and procedures, inclusive of manufacturer's specifications, required to operate such device effectively.

Condition 11: Recycling and Salvage
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-1.7

Item 11.1:
Where practical, the owner or operator of an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of the ECL.

Condition 12: Prohibition of Reintroduction of Collected Contaminants to the air
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-1.8

Item 12.1:
No person shall unnecessarily remove, handle or cause to be handled, collected air contaminants from an air cleaning device for recycling, salvage or disposal in a manner that would reintroduce them to the outdoor atmosphere.

Condition 13: Exempt Sources - Proof of Eligibility
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-3.2 (a)

Item 13.1:
The owner or operator of an emission source or activity that is listed as being exempt may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all records necessary for demonstrating compliance with this Subpart on-site for a period of five years, and make them available to representatives of the department upon request.

Condition 14: Trivial Sources - Proof of Eligibility
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-3.3 (a)

Item 14.1:
The owner or operator of an emission source or activity that is listed as being trivial in this Section may be required to certify that it is operated within the specific criteria described in this Subpart. The owner or operator of any such emission source or activity must maintain all required records on-site for a period of five years and make them available to representatives of the department upon request.

Condition 15: Requirement to Provide Information
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (4)

Item 15.1:
The owner and/or operator shall furnish to the department, within a reasonable time, any information that the department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the department copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the administrator along with a claim of confidentiality, if the administrator initiated the request for information or otherwise has need of it.

Condition 16: Right to Inspect
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (a) (8)

Item 16.1:
The department or an authorized representative shall be allowed upon presentation of credentials and other documents as may be required by law to:

(i) enter upon the permittee's premises where a facility subject to the permitting requirements of this Subpart is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;

(ii) have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(iii) inspect at reasonable times any emission sources, equipment (including monitoring and air pollution control equipment), practices, and operations regulated or required under the permit; and

(iv) sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

Condition 17: Off Permit Changes
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (6)

Item 17.1:
No permit revision will be required for operating changes that contravene an express permit term, provided that such changes would not violate applicable requirements as defined under this Part or contravene federally enforceable monitoring (including test methods), recordkeeping, reporting, or compliance certification permit terms and conditions. Such changes may be made without requiring a permit revision, if the changes are not modifications under any provision of title I of the act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions) provided that the facility provides the administrator and the department with written notification as required below in advance of the proposed changes within a minimum of seven days. The facility owner or operator, and the department shall attach each such notice to their copy of the relevant permit.

(i) For each such change, the written notification required above shall include a brief description of the change within the permitted facility, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.

(ii) The permit shield described in section 6 NYCRR 201-6.4 shall not apply to any change made pursuant to this paragraph.

Condition 18: Required Emissions Tests
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 202-1.1

Item 18.1:
For the purpose of ascertaining compliance or non-compliance with any air pollution control code, rule or regulation, the commissioner may require the person who owns such air contamination source to submit an acceptable report of measured emissions within a stated time.

Condition 19: Accidental release provisions.
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40 CFR Part 68

Item 19.1:
If a chemical is listed in Tables 1,2,3 or 4 of 40 CFR §68.130 is present in a process in quantities greater than the threshold quantity listed in Tables 1,2,3 or 4, the following requirements will apply:

a) The owner or operator shall comply with the provisions of 40 CFR Part 68 and;

b) The owner or operator shall submit at the time of permit issuance (if not previously submitted) one of the following, if such quantities are present:

1) A compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR §68.10(a) or,

2) A certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of the Risk Management Plan. Information should be submitted to:

Risk Management Plan Reporting Center
C/O CSC
8400 Corporate Dr
Carrollton, Md. 20785

Condition 20: Recycling and Emissions Reduction
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 82, Subpart F

Item 20.1:
The permittee shall comply with all applicable provisions of 40 CFR Part 82.

The following conditions are subject to annual compliance certification requirements for Title V permits only.

Condition 21: Emission Unit Definition
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 21.1:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: A-PAREA
Emission Unit Description:
AP AREA manufactures phenolics for internal and external use.

Building(s): AP

Item 21.2:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: C-XPRSS
Emission Unit Description:
COLORXPRESS processes plastic for internal and external use.

Building(s): COLORXPRES

Item 21.3:

The facility is authorized to perform regulated processes under this permit for:
Emission Unit: H-IPSBG
Emission Unit Description:
HIPS produces plastic materials.

Building(s): HIPS

Item 21.4:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: R-ESBLG
Emission Unit Description:
RESIN produces plastic resins.

Building(s): RESIN
RESIN REAC

Item 21.5:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: S-FSBLG
Emission Unit Description:
SFS is a compounding facility.

Building(s): SFS

Item 21.6:
The facility is authorized to perform regulated processes under this permit for:
Emission Unit: W-TAREA
Emission Unit Description:
WWTP is the plant site waste water treatment facility.

Building(s): WWTP

Condition 22: Progress Reports Due Semiannually
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (d) (4)

Item 22.1:
Progress reports consistent with an applicable schedule of compliance are to be submitted at least semiannually, or at a more frequent period if specified in the applicable requirement or by the department. Such progress reports shall contain the following:

(i) dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and

(ii) an explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

Condition 23: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 201-6.4 (f) (2)

Item 23.1:
The Compliance Certification activity will be performed for the Facility.

Item 23.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

SABIC Operational Flexibility Plan:

I. Protocol Objective :

This permit condition establishes a protocol allowing SABIC to utilize operational flexibility to implement certain types of changes at its Selkirk, NY facility without first obtaining a permit modification; subject to the Department's approval. As provided at 6 NYCRR 201-6.4(f)(2), an approved change made in accordance with this protocol is not subject to the Title V permit modification provisions found at 6 NYCRR 201-6.6.

II. Applicability:

A. The following types of changes may be made, subject to the review and approval process of this protocol, except as prohibited by II.B. of this protocol:

1. Addition of new, or replacement of existing, emission sources.
2. 6 NYCRR 200 modifications.
3. Emission point relocations.
4. Changes that could be implemented by the minor permit modification process at 6 NYCRR 201-6.6.

B. The following changes are not allowed under this protocol and require a permit modification:

1. Any project that is "major" as that term is defined at 6 NYCRR 621.2(r) and/or those that do not meet the conditions to be minor set forth in 6 NYCRR 201-6.6(c)(1).
2. Any change that is a "significant permit modification" as that the term is defined at 6 NYCRR 201-6.6(d); or
3. Any change that would exceed the emissions allowable in the permit, whether expressed as a rate or in terms of total emissions.

III. Protocol

A. Notification and Documentation Requirements for a Proposed Change Reviewed Under this Protocol

1. SABIC shall notify the Department in writing at least 15 calendar days in advance of making a proposed change under the protocol that meets the applicability in Section II.A above.

2. Notifications made in accordance with this protocol shall include the following documentation:

a. Identification of the Title V permit emission unit(s), process(es), emission source(s), emission control(s), and emission point(s) affected by the change, as applicable.

b. Description of the change, including the operating parameters affected;

c. If appropriate, the identification and description of emission control technology and compliance terms;

d. Documentation of the project's or emission source's compliance with respect to all state and/or federally applicable requirements according to the following steps:

i. Provide, at a minimum, the application content in accordance with 6 NYCRR 201-6.2(d)(3).

ii. For the proposed addition of new emission source(s), identify all contaminants affected by the change and, for each such contaminant, calculate the Potential to Emit (PTE) or Projected Actual Emissions (as appropriate) and, for changes to sources subject to 6 NYCRR 212, calculate the Emission Rate Potential (ERP). For changes to existing source(s), identify all contaminants affected by the change and similarly calculate the changes in emissions, as applicable.

iii. Indicate the established environmental rating (ER) for each existing contaminant affected by the change. Propose the initial ER for each new contaminant affected by the change using NYSDEC guidance DAR-1 "Guidelines for the Evaluation and Control of Ambient Air Contaminants Under Part 212".

iv. Provide supporting documentation and calculations for demonstrating that, under 6 NYCRR 231 (NSR), the project does not result in a NSR Major Modification. A non-applicability determination shall be fully documented and clearly demonstrated for each

regulated NSR contaminant affected by the change.

v. The modelling protocol established for the facility shall be utilized to determine maximum off-site impacts for each Part 212 subject process emission source emitting the contaminant(s) affected by the change. Annual Guideline Concentrations and Short-Term Guideline Concentrations shall be met. The following types of changes do not require the submission of the facility-wide modeling with the initial OpFlex proposal:

1) Changes that are not projected to increase actual annual emissions of an air contaminant subject to a requirement within 6 NYCRR Chapter III Subchapter A.

2) Changes for which SABIC can demonstrate through a documented qualitative analysis that offsite impact will not exceed the AGC or SGC for compounds affected by the change.

vi. Identify and evaluate all regulations whose applicability is affected by the change using calculated emission information, Environmental Rating (ER) information, and modelling results.

e. Any other relevant background information used to determine ERP, PTE, or any other information used for the evaluation of the change.

3. The burden is on SABIC to demonstrate the change is approvable under this protocol.

B. Review and Approval of Proposed Changes

1. SABIC will be permitted to proceed with the change after written approval is granted from the Department, regarding that change.

2. The Department may require SABIC to submit a more detailed review of the change, which may include potential air quality impacts and/or applicable requirements. The Department's determination may include a listing of additional information required for further review. In each such case, SABIC may, at its own risk, initiate construction of the change. However, SABIC may not implement the change until the Department completes its review.

3. The Department shall respond to SABIC in writing within 30 days of receipt of notification with its determination under Sections III.B.2. or the Department may require that

the op flex plan not be utilized and require SABIC to proceed with a permit modification.

C. Additional Compliance Obligations for Changes Made Under this Protocol

1. Upon commencement of the change, SABIC shall comply with all applicable requirements and permit conditions, including any amended or proposed conditions in accordance with Section III.A.1. above.

2. SABIC shall include a summary of the changes made in accordance with this protocol during the corresponding period and a statement of compliance status of each in the semi-annual monitoring report for the facility.

3. The permit shield as described at 6 NYCRR 201-6.4 shall not apply to any change made in accordance with this protocol, until it is incorporated into an issued Title V permit for the facility.

4. SABIC shall include each approved change in their next application for Title V permit renewal or modification, whichever is first, for incorporation into Title V permit.

5. SABIC is responsible for obtaining all local approvals prior to utilization of this protocol.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 24: Visible Emissions Limited
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 211.2

Item 24.1:
Except as permitted by a specific part of this Subchapter and for open fires for which a restricted burning permit has been issued, no person shall cause or allow any air contamination source to emit any material having an opacity equal to or greater than 20 percent (six minute average) except for one continuous six-minute period per hour of not more than 57 percent opacity.

Condition 25: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 225-1.2 (f)

Item 25.1:
The Compliance Certification activity will be performed for the Facility.

Item 25.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Owners and/or operators of a commercial, industrial or residential emission sources that fire Number 2 heating oil with 0.0015 percent by weight sulfur or less. Complianc ewith this limit will be based on vendor specifications.

Data collected via this Subpart must be tabulated and summarized in a format acceptable to the Department, and must be maintained for a minimum of five years.

The owner of a Title V facility must furnish to the Department such records and summaries, on a semi-annual calendar basis, within 30 days after the end of the semi-annual period. all other facility owners and distributors must submit these records and summaries upon the request of the Department.

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: NUMBER 2 HEATING OIL
Parameter Monitored: SULFUR CONTENT
Upper Permit Limit: 0.0015 percent by weight
Monitoring Frequency: PER DELIVERY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 26: VOL storage tanks from 10000 - 20000 gallons
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 229.3 (e) (2) (iv)

Item 26.1:
Volatile organic liquid tanks with a capacity greater than or equal to 10,000 gallons but less than 20,000 gallons must be equipped with submerged fill.

Condition 27: VOL storage tanks less than 10000 gallons
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 229.3 (e) (2) (v)

Item 27.1:
Volatile organic liquid tanks with a capacity of less than 10,000 gallons must be equipped with a conservation vent.

Condition 28: Control requirements - monitoring
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.3 (a)

Item 28.1:
This Condition applies to:

Emission Unit: APAREA

Emission Unit: HIPSBG

Item 28.2:
Any owner of operator of a synthetic organic chemical manufacturing facility must monitor each of the following process unit components for leaks, on a quarterly schedule:

(1) each pump in light liquid service;

(2) each compressor in gas/vapor service;

(3) each valve in light liquid service; and

(4) each valve in gas/vapor service.

Condition 29: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.3 (c)

Item 29.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Item 29.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Any owner or operator of a synthetic organic chemical manufacturing facility must also comply with the following component standards:

(1) Pumps in light liquid service must be visually inspected each calendar week for evidence of liquids dripping. Any leaks detected during visual inspection must be repaired in accordance with section 236.4 of this Part.

(2) Pressure relief devices in gas/vapor service must be monitored for leaks within five days of an over-pressure release. Any leaks detected during monitoring must be repaired in accordance with section 236.4 of this Part.

(3) Open-ended valves or lines in gas/vapor or light liquid service must be sealed with either a second valve, blind flange, cap, or plug. The sealing device may only be removed while a sample is being taken or during maintenance operations.

(i) When a second valve is used, each open-ended line or valve equipped with a second valve shall be operated in such a manner that the valve on the process fluid end is closed before the second valve is closed.

(ii) When a double block-and-bleed system is used, the bleed valve or line may remain open only during operations that require venting of the line between the block valves, but shall be closed at all other times.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 30: Repairing leaking components
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.4 (b)

Item 30.1:
This Condition applies to:

Emission Unit: APAREA

Emission Unit: HIPSBG

Item 30.2:
Once a leaking component is identified, any owner or operator subject to this Part must:

(1) affix a weather proof and readily visible tag to the leaking component bearing

an identification number and the date the leak was detected. This tag must not be removed until the component is repaired and passes reinspection.

(2) make an initial attempt to repair the leaking component within 5 days;

(3) repair the leaking component as soon as practicable, but not later than 15 calendar days after the leak is detected; and

(4) remonitor all leaking components within 48 hours after repairs have been completed.

Condition 31: Repair requirements - delay of repair
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.4 (c)

Item 31.1:
This Condition applies to:

Emission Unit: APAREA

Emission Unit: HIPSBG

Item 31.2:
Delay of repair of components as described in Part 236.4(b) will be allowed by the department provided an initial attempt to repair is made after which a decision is made by a duly authorized representative of the facility that replacement parts necessary to complete the repair are not available in time, or that repair of the leaking component is technically infeasible without a process unit shutdown. Repair of such a component must be completed during the next process unit shutdown and before subsequent start-up.

Condition 32: Develop leak detection and repair plan - Part 236.5(a)
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.5

Item 32.1:
This Condition applies to:

Emission Unit: APAREA

Emission Unit: HIPSBG

Item 32.2:
The owner or operator of a synthetic organic chemical manufacturing facility subject to this Part must develop and conduct a leak detection and repair plan consistent with the provisions of this Part.

Condition 33: Implement leak detection and repair plan - part 236.5(b)
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.5

Item 33.1:
This Condition applies to:

Emission Unit: APAREA

Emission Unit: HIPSBG

Item 33.2:
The owner or operator of a synthetic organic chemical manufacturing facility subject to this Part must have implemented a leak detection and repair plan by July 10, 1992. The plan must contain, as a minimum, a list of process components subject to the provisions, of this Part, a copy of the log book format, and the make and model of the monitoring equipment to be used.

Condition 34: Inspection log requirements - Part 236.5(d)
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.5

Item 34.1:
This Condition applies to:

Emission Unit: APAREA

Emission Unit: HIPSBG

Item 34.2:
A copy of the inspection log must be retained at the plant for a minimum of two years after the date on which the report for the inspection period was prepared, and must be made available to DEC upon request.

Condition 35: Quarterly reports - Part 236.5(e)
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.5

Item 35.1:
This Condition applies to:

Emission Unit: APAREA

Emission Unit: HIPSBG

Item 35.2:
As of July 10, 1992, the owner or operator of a synthetic organic chemical manufacturing facility shall submit quarterly reports to DEC for the preceding quarterly monitoring period. These reports must be submitted within 15 days from the close of the quarter and shall contain

the information listed in Part 236.5(e).

Condition 36: Record information in a log book - Part 236.5(c)
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.5

Item 36.1:
This Condition applies to:

Emission Unit: APAREA

Emission Unit: HIPSBG

Item 36.2:
The owner or operator of a synthetic chemical manufacturing facility subject to this part must record the information listed in Part 236.5(c) in an inspection log for each leaking compound found.

Condition 37: Monitoring of leaks of VOC
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 236.7

Item 37.1:
This Condition applies to:

Emission Unit: APAREA

Emission Unit: HIPSBG

Item 37.2:
Any person subject to this Part shall determine whether leaks of volatile organic compounds exist by using method 21 of 40 CFR Part 60 Appendix A.

Condition 38: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 38.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: S-FSBLG Emission Point: 02581
Process: FEX Emission Source: C2581

Emission Unit: S-FSBLG Emission Point: 02581
Process: FEX Emission Source: C2582

Emission Unit: S-FSBLG Emission Point: 02581
Process: FEX Emission Source: C2583

Emission Unit: S-FSBLG Emission Point: 02581
Process: FEX Emission Source: C2584

Emission Unit: S-FSBLG Emission Point: 02581
Process: FEX Emission Source: C2585

Emission Unit: S-FSBLG Emission Point: 02581
Process: FEX Emission Source: C2586

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 38.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
Under normal circumstances, the VOC emissions resulting from SFS compounding operations are vented to a combination of a recuperative thermal oxidizer (EP No. 02593) where the organics are destroyed and a bank of carbon beds where are organics are adsorbed (EP Nos. 02581 – 02586), i.e., “Mode 2”. If the recuperative thermal oxidizer is not in operation, its stream is diverted to the carbon beds, i.e., “Mode 1”.

VOC ERP is greater than 100 pounds/hr from these two streams and requires 94% control. This percent control will be achieved in both Mode 1 and Mode 2 as demonstrated in the application. A process control system continuously logs production output and indicates when to change carbon beds (15.3 million pounds or 7650 tons of plastics produced). Monitoring and recordkeeping is automated with PCS. 6 NYCRR 212.10 VOC RACT is also satisfied with this level of control.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PRODUCT
Manufacturer Name/Model Number: N/A
Upper Permit Limit: 7650 tons
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 39: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 39.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA Emission Point: 01252
Process: AT5 Emission Source: M305B

Emission Unit: A-PAREA Emission Point: 00704
Process: AT6

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 39.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
An 81% control must be maintained as required by RACT. The carbon bed shall be checked for breakthrough monthly. If breakthrough has occured as measured by a FID reading in excess of 10 ppm, the unit will be changed-out within 5 days of breakthrough detection. Averaging method is an annual method.

Parameter Monitored: VOC
Lower Permit Limit: 81 percent
Reference Test Method: EPA Method 21
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 40: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 40.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA Emission Point: 00282
Process: AT3

Emission Unit: A-PAREA Emission Point: 01252
Process: AT5

Emission Unit: A-PAREA Emission Point: 00284
Process: HOF

Emission Unit: H-IPSBG
Process: HT3

Emission Unit: R-ESBLG Emission Point: 01366
Process: RPV

Emission Unit: R-ESBLG Emission Point: 00312
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00313
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00314
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00343
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00344
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00306
Process: RT2

Emission Unit: R-ESBLG Emission Point: 01305
Process: RT2

Emission Unit: R-ESBLG Emission Point: 01379
Process: RT4

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Emission Unit: R-ESBLG Emission Point: 01355
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01356
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01357
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01358

Process: RWS

Emission Unit: R-ESBLG Emission Point: 01359
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01365
Process: RWS

Emission Unit: S-FSBLG
Process: FEX Emission Source: C2581

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 40.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
These process sources / emission points are subject to the federally enforceable State Implementation Plan (SIP) requirements of VOC RACT regulations at 6 NYCRR 212.10(c)(4)(i). The facility shall achieve a minimum 81 percent control by weight of total VOC for these emissions.

Parameter Monitored: VOC
Lower Permit Limit: 81 percent by weight
Reference Test Method: AS DESCRIBED IN PARAMETRIC MONITORING
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 41: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 41.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA
Process: ASH

Emission Unit: A-PAREA

Process: HOF

Emission Unit: C-XPRSS Emission Point: 05004

Emission Unit: C-XPRSS Emission Point: 05005

Emission Unit: H-IPSBG Emission Point: 03012
Process: HPV Emission Source: 03012

Emission Unit: R-ESBLG Emission Point: 00337
Process: RSH Emission Source: 00337

Emission Unit: R-ESBLG Emission Point: 00367
Process: RSH Emission Source: 00367

Emission Unit: R-ESBLG Emission Point: 00368
Process: RSH Emission Source: 00368

Emission Unit: R-ESBLG Emission Point: 00369
Process: RSH Emission Source: 00369

Emission Unit: R-ESBLG Emission Point: 00370
Process: RSH Emission Source: 00370

Emission Unit: R-ESBLG Emission Point: 01378
Process: RSH Emission Source: 01378

Emission Unit: R-ESBLG Emission Point: 01395
Process: RSH Emission Source: 01395

Emission Unit: S-FSBLG Emission Point: 02593
Process: FPV Emission Source: RECUP

Emission Unit: S-FSBLG Emission Point: 00555
Process: FSH Emission Source: 00555

Emission Unit: S-FSBLG Emission Point: 00561
Process: FSH Emission Source: 00561

Emission Unit: S-FSBLG Emission Point: 00567
Process: FSH Emission Source: 00567

Emission Unit: S-FSBLG Emission Point: 00573
Process: FSH Emission Source: 00573

Emission Unit: S-FSBLG Emission Point: 01583
Process: FSH Emission Source: 01583

Emission Unit: S-FSBLG Emission Point: 01584
Process: FSH Emission Source: 01584

Emission Unit: S-FSBLG Emission Point: 01587

Process: FSH Emission Source: 01587

Emission Unit: S-FSBLG Emission Point: 01588
Process: FSH Emission Source: 01588

Emission Unit: S-FSBLG Emission Point: 01592
Process: FSH Emission Source: 01592

Emission Unit: S-FSBLG Emission Point: 02600
Process: FSH Emission Source: 02600

Emission Unit: S-FSBLG Emission Point: 02601
Process: FSH Emission Source: 02601

Emission Unit: S-FSBLG Emission Point: 02617
Process: FSH Emission Source: 02617

Emission Unit: S-FSBLG Emission Point: 02749
Process: FSH Emission Source: 02749

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 41.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:

A visual emission observation must take place once every two months during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition is/are in operation.

The facility owner/operator shall conduct a visible emissions "periodic monitoring" observation to determine the presence or absence of visible emissions of the EP/ES once per two months when the facility is operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at the EP/ES requires that a follow-up observation be performed the next operating day at the noted EP/ES. Observations of visible emissions for two consecutive operating days at the same EP/ES will require that a Method 9 analysis be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) will be notified within one business day of performing the

Method 9 analysis if the opacity standard is contravened. Upon RAPCE notification, corrective actions shall be indicated to the Department. No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

Documentation will be maintained, by keeping records as appropriate, to demonstrate compliance. Records of bi-monthly observations shall include but not be limited to the following data: observer's name, time of day of observation, identity of EP/ES, were visible emissions observed, were visible emissions observed for two consecutive days. The records shall also include details of the Method 9 analyses if performed. Records shall be in a format acceptable to the Department, include pertinent supporting data and calculations as necessary, be retained at the facility for five years after the date of the last entry, and upon request, be made available for Department review.

The Department reserves the right to perform or require the performance of a Method 9 analysis at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: METHOD 9
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 42: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 42.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG Emission Point: 01355
Process: RWS Emission Source: 01355

Emission Unit: R-ESBLG Emission Point: 01356
Process: RWS Emission Source: 01356

Emission Unit: R-ESBLG Emission Point: 01357
Process: RWS Emission Source: 01357

Emission Unit: R-ESBLG Emission Point: 01358
Process: RWS Emission Source: 01358

Emission Unit: R-ESBLG Emission Point: 01359
Process: RWS Emission Source: 01359

Regulated Contaminant(s):
CAS No: 000108-88-3 TOLUENE

Item 42.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
In accordance with 6 NYCRR 212.4(a) the process control system monitors the control equipment (condensers and scrubbers) continuously calculating and recording emission data. Toluene emissions are controlled at 94% (at the ERP) overall control efficiency when the methanol scrubber is operating.

Manufacturer Name/Model Number: NA
Parameter Monitored: TOLUENE
Lower Permit Limit: 94 percent
Reference Test Method: TBD
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 43: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 43.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA Emission Point: 00282

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 43.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The Federally approved New York State SIP requirement in 6 NYCRR 212.10(c) to achieve 81% control of VOC is demonstrated for this emission point by the process control system that continuously monitors scrubber liquid flow rate. Compliance with VOC RACT control requirement of 81% is exceeded (95% control efficiency is achieved as required by the HON) by meeting the following conditions:
During periods when methanol is being unloaded into storage, scrubber liquid flow rate shall be equal to or greater than 2.5 gallons per minute (gpm),

Records shall be kept continuously during operation and maintenace shall be performed to calibrate flow meter.

Parameter Monitored: FLOW RATE
Lower Permit Limit: 2.5 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 44: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 44.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA Emission Point: 00282

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 44.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The Federally approved New York State SIP requirement in 6 NYCRR 212.10(c) to achieve 81% control of VOC is demonstrated for this emission point by the process control system that continuously monitors scrubber liquid

flow rate. Compliance with VOC RACT control requirement of 81% is exceeded (95% control efficiency is achieved as required by the HON) by meeting the following conditions: During periods that methanol is not being unloaded into storage, scrubber liquid flow rate shall be equal to or greater than 0.25 gpm.

Records shall be kept continuously during operation and maintenace shall be performed to calibrate flow meter.

Parameter Monitored: FLOW RATE
Lower Permit Limit: 0.25 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 45: Demolition and Renovation
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 61.145, NESHAP Subpart M

Item 45.1: The permittee shall comply with applicable requirements of the National Emissions Standards for Asbestos specified in 40 CFR 61, Subpart M, and provide to the administrator or other governing agency reports as required.

Notification requirements: The permittee shall provide the USEPA Administrator with written notice of the intention to demolish or renovate as outlined in 40 CFR 61.145(b).

The permittee shall comply with all applicable procedures for removal of RACM in 40 CFR 61.145(c).

Condition 46: Standard for waste disposal for demolition and renovation operations
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 61.150, NESHAP Subpart M

Item 46.1:
The demolition and renovation provisions of 40 CFR 61, Subpart M, section 150, have not been delegated to the New York State Department of Environmental Conservation. The United States Environmental Protection Agency is responsible for implementation of the regulation and has a Memorandum of Understanding with the New York State Department of Labor which inspects demolition and renovation projects involving regulated asbestos containing material (RACM).

Item 46.2:
The permittee shall comply with the waste disposal standards in 40 CFR §61.150, as applicable.

a) The permittee shall discharge no visible emissions to the outside air during the collection processing, packaging, or transporting of any asbestos-containing waste material generated by the source, or shall use one of the emission control and waste treatment methods specified in Subpart M paragraphs 61.150(a)(1) through (4).

b) All asbestos-containing waste material shall be deposited as soon as is practical by the waste generator at a site described in paragraphs 61.150(b)(1) or (2).

c) All vehicles used to transport asbestos-containing waste material during the loading and loading of waste must be marked so the signs are visible in conformance with §§61.149(d)(1)(i) through (iii).

d) For all asbestos-containing waste material transported off the facility site the permittee shall:
i) Maintain waste shipment records using a form similar to that shown in Figure 4 of 40 CFR 61 Subpart M.
ii)Provide a copy of the waste shipment record to the disposal site owners or operators at the same time as the asbestos-containing waste material is delivered to the disposal site and follow-up as specified in §61.150(d)(3) and (4). The permittee shall report to the EPA Region 2 Office as necessary.
iii) Retain a copy of all waste shipment records, including a copy of the waste shipment record signed by the disposal site owner/operator, for at least two years.

e) Furnish upon request and make available for inspection by the USEPA Administrator or designee all records required under §61.150.

Condition 47: Recordkeeping
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 61.356(a), NESHAP Subpart FF

Item 47.1:
The owner or operator shall comply with the recordkeeping requirements of §61.356. Each record shall be maintained in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified.

Condition 48: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 61.356(b)(1), NESHAP Subpart FF

Item 48.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000071-43-2 BENZENE

Item 48.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:
The owner or operator shall maintain records that identify each waste stream at the facility subject to 40 CFR 61 Subpart FF, and indicate whether or not the waste stream is controlled for benzene emissions in accordance with this subpart. In addition the owner or operator shall maintain the following records. For each waste stream not controlled for benzene emissions in accordance with Subpart FF, the records shall include all test results, measurements, calculations, and other documentation used to determine the following information for the waste stream: waste stream identification, water content, whether or not the waste stream is a process wastewater stream, annual waste quantity, range of benzene concentrations, annual average flow-weighted benzene concentration, and annual benzene quantity.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 49: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 61.357(b), NESHAP Subpart FF

Item 49.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 000071-43-2 BENZENE

Item 49.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If the total annual benzene quantity from facility waste is less than 1 Mg/yr, then the owner or operator shall submit to the Administrator a report that updates the information listed in paragraphs (a)(1) through (a)(3) of this section whenever there is a change in the process generating the waste stream that could cause the total annual benzene quantity from facility waste to increase to 1 Mg/yr or more.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 50: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.114(a)(5), Subpart G

Item 50.1:

The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA Emission Point: 01212

Regulated Contaminant(s):

CAS No: 000095-48-7	2-METHYL-PHENOL
CAS No: 000098-82-8	BENZENE, (1-METHYLETHYL)
CAS No: 000108-88-3	TOLUENE
CAS No: 000108-95-2	PHENOL
CAS No: 000067-56-1	METHYL ALCOHOL

Item 50.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The process control system continuously monitors the total organic vapor concentration (measured as toluene). To ensure compliance with the HON requirement to reduce OHAP emissions either by at least 98 weight % or to a concentration of no more than 20 ppmv at the outlet, the organic vapor concentration (measured as toluene) of the process vent from the last carbon adsorption bed before exiting to the atmosphere shall not exceed the upper permit limit (which is equivalent to 98% control). The upper permit limit includes a dilution factor to account for nitrogen that is added to ensure proper operation of the carbon adsorption system.

Parameter Monitored: CONCENTRATION
Upper Permit Limit: 3 parts per million (by volume)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 51: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.123(a), Subpart G

Item 51.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA
Process: AT4

Emission Unit: A-PAREA
Process: AT5

Emission Unit: A-PAREA
Process: AT6

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 51.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner/operator of a group 1 or group 2 storage vessel shall keep readily accessible records showing the capacity of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept as long as the storage vessel retains group 1 or group 2 status and is in operation. Each group 2 storage vessel is not required to comply with any other provisions of §§63.119 through §§63.123.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 52: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.160, Subpart H

Item 52.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 52.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) The provisions of this subpart apply to pumps,

compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, instrumentation systems, and control devices or closed vent systems required by this subpart that are intended to operate in organic hazardous air pollutant service 300 hours or more during the calendar year within a source subject to the provisions of a specific subpart in 40 CFR part 63 that references this subpart.

(c) If a process unit subject to the provisions of this subpart has equipment to which this subpart does not apply, but which is subject to a standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section, the owner or operator may elect to apply this subpart to all such equipment in the process unit. If the owner or operator elects this method of compliance, all VOC in such equipment shall be considered, for purposes of applicability and compliance with this subpart, as if it were organic hazardous air pollutant (HAP). Compliance with the provisions of this subpart, in the manner described in this paragraph, shall be deemed to constitute compliance with the standard identified in paragraph (c)(1), (c)(2), or (c)(3) of this section.

(3) 40 CFR part 264, subpart BB or 40 CFR part 265, subpart BB.

(e) Except as provided in any subpart that references this subpart, lines and equipment not containing process fluids are not subject to the provisions of this subpart. Utilities, and other non-process lines, such as heating and cooling systems which do not combine their materials with those in the processes they serve, are not considered to be part of a process unit.

(f) The provisions of this subpart do not apply to research and development facilities or to bench-scale batch processes, regardless of whether the facilities or processes are located at the same plant site as a process subject to the provisions of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 53: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.162, Subpart H

Item 53.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 53.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Compliance with this subpart will be determined by review of the records required by §63.181 of this subpart and the reports required by §63.182 of this subpart, review of performance test results, and by inspections.

(b)(1) An owner or operator may request a determination of alternative means of emission limitation to the requirements of §§63.163 through 63.170, and §§63.172 through 63.174 of this subpart as provided in §63.177.

(2) If the Administrator makes a determination that a means of emission limitation is a permissible alternative to the requirements of §§63.163 through 63.170, and §§63.172 through 63.174 of this subpart, the owner or operator shall comply with the alternative.

(c) Each piece of equipment in a process unit to which this subpart applies shall be identified such that it can be distinguished readily from equipment that is not subject to this subpart. Identification of the equipment does not require physical tagging of the equipment. For example, the equipment may be identified on a plant site plan, in log entries, or by designation of process unit boundaries by some form of weatherproof identification.

(d) Equipment that is in vacuum service is excluded from the requirements of this subpart.

(e) Equipment that is in organic HAP service less than 300 hours per calendar year is excluded from the requirements of §§63.163 through 63.174 of this subpart and §63.178 of this subpart if it is identified as required in §63.181(j) of this subpart.

(f) When each leak is detected as specified in §§63.163 and 63.164; §§63.168 and 63.169; and §§63.172 through 63.174 of this subpart, the following requirements apply:

(1) Clearly identify the leaking equipment.

(2) The identification on a valve may be removed after it has been monitored as specified in §§63.168(f)(3), and 63.175(e)(7)(i)(D) of this subpart, and no leak has been detected during the follow-up monitoring. If the owner or operator elects to comply using the provisions of §63.174(c)(1)(i) of this subpart, the identification on a connector may be removed after it is monitored as specified in §63.174(c)(1)(i) and no leak is detected during that monitoring.

(3) The identification which has been placed on equipment determined to have a leak, except for a valve or for a connector that is subject to the provisions of §63.174(c)(1)(i), may be removed after it is repaired.

(g) Except as provided in paragraph (g)(1) of this section, all terms in this subpart that define a period of time for completion of required tasks (e.g., weekly, monthly, quarterly, annual), refer to the standard calendar periods unless specified otherwise in the section or subsection that imposes the requirement.

(1) If the initial compliance date does not coincide with the beginning of the standard calendar period, an owner or operator may elect to utilize a period beginning on the compliance date, or may elect to comply in accordance with the provisions of paragraphs (g)(2) or (g)(3) of this section.

(2) Time periods specified in this subpart for completion of required tasks may be changed by mutual agreement between the owner or operator and the Administrator, as specified in subpart A of this part. For each time period that is changed by agreement, the revised period shall remain in effect until it is changed. A new request is not necessary for each recurring period.

(3) Except as provided in paragraph (g)(1) or (g)(2) of

this section, where the period specified for compliance is a standard calendar period, if the initial compliance date does not coincide with the beginning of the calendar period, compliance shall be required according to the schedule specified in paragraphs (g)(3)(i) or (g)(3)(ii) of this section, as appropriate.

(4) In all instances where a provision of this subpart requires completion of a task during each of multiple successive periods, an owner or operator may perform the required task at any time during each period, provided the task is conducted at a reasonable interval after completion of the task during the previous period.

(h) In all cases where the provisions of this subpart require an owner or operator to repair leaks by a specified time after the leak is detected, it is a violation of this subpart to fail to take action to repair the leaks within the specified time. If action is taken to repair the leaks within the specified time, failure of that action to successfully repair the leak is not a violation of this subpart. However, if the repairs are unsuccessful, a leak is detected and the owner or operator shall take further action as required by applicable provisions of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 54: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.163, Subpart H

Item 54.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 54.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) The provisions of this section apply to each pump that is in light liquid service.

(3) Sources subject to other subparts in 40 CFR part 63 that reference this subpart shall comply on the dates specified in the applicable subpart.

(b)(1) The owner or operator of a process unit subject to this subpart shall monitor each pump monthly to detect leaks by the method specified in §63.180(b) of this subpart and shall comply with the requirements of paragraphs (a) through (d) of this section, except as provided in §63.162(b) of this subpart and paragraphs (e) through (j) of this section.

(2) The instrument reading, as determined by the method as specified in §63.180(b) of this subpart, that defines a leak in each phase of the standard is:

(iii) For Phase III, an instrument reading of:

(C) 1,000 parts per million or greater for all other pumps.

(3) Each pump shall be checked by visual inspection each calendar week for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected.

(c)(1) When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in paragraph (c)(3) of this section or §63.171 of this subpart.

(2) A first attempt at repair shall be made no later than 5 calendar days after the leak is detected. First attempts at repair include, but are not limited to, the following practices where practicable:

(i) Tightening of packing gland nuts.

(ii) Ensuring that the seal flush is operating at design pressure and temperature.

(3) For pumps in Phase III to which a 1,000 parts per million leak definition applies, repair is not required unless an instrument reading of 2,000 parts per million or

greater is detected.

(d)(1) The owner or operator shall decide no later than the first monitoring period whether to calculate percent leaking pumps on a process unit basis or on a source-wide basis. Once the owner or operator has decided, all subsequent percent calculations shall be made on the same basis.

(2) If, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak, the owner or operator shall implement a quality improvement program for pumps that complies with the requirements of §63.176 of this subpart.

(3) The number of pumps at a process unit shall be the sum of all the pumps in organic HAP service, except that pumps found leaking in a continuous process unit within 1 month after start-up of the pump shall not count in the percent leaking pumps calculation for that one monitoring period only.

(4) Percent leaking pumps shall be determined by the following
equation:

$$\%PL=((PL-PS)/(PT-PS))\times 100$$

where:

%PL=Percent leaking pumps

PL=Number of pumps found leaking as determined through monthly monitoring as required in paragraphs (b)(1) and (b)(2) of this section.

PT=Total pumps in organic HAP service, including those meeting the criteria in paragraphs (e) and (f) of this section.

PS=Number of pumps leaking within 1 month of start-up during the current monitoring period.

(f) Any pump that is designed with no externally actuated shaft penetrating the pump housing is exempt from the requirements of paragraphs (a) through (c) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 55: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.163(b)(2)(iii)('A'), Subpart H

Item 55.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: H-IPSBG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 55.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(b)(2) The instrument reading, as determined by the method as specified in §63.180(b) of this subpart, that defines a leak in each phase of the standard is:

(iii) For Phase III, an instrument reading of:

(A) 5,000 parts per million or greater for pumps handling polymerizing monomers

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 56: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.164, Subpart H

Item 56.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 56.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

a) Each compressor shall be equipped with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in §63.162(b) of this subpart and paragraphs (h) and (i) of this section.

(b) Each compressor seal system as required in paragraph (a) of this section shall be:

(1) Operated with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure

(c) The barrier fluid shall not be in light liquid service.

(d) Each barrier fluid system as described in paragraphs (a) through (c) of this section shall be equipped with a sensor that will detect failure of the seal system, barrier fluid system, or both.

(e)(1) Each sensor as required in paragraph (d) of this section shall be observed daily or shall be equipped with an alarm unless the compressor is located within the boundary of an unmanned plant site.

(2) The owner or operator shall determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both.

(f) If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under paragraph (e)(2) of this section, a leak is detected.

(g)(1) When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in §63.171 of this subpart.

(2) A first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 57: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.165, Subpart H

Item 57.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 57.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Except during pressure releases, each pressure relief device in gas/vapor service shall be operated with an instrument reading of less than 500 parts per million above background except as provided in paragraph (b) of this section, as measured by the method specified in §63.180(c) of this subpart.

(b)(1) After each pressure release, the pressure relief device shall be returned to a condition indicated by an instrument reading of less than 500 parts per million above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in §63.171 of this subpart.

(2) No later than 5 calendar days after the pressure release and being returned to organic HAP service, the pressure relief device shall be monitored to confirm the condition indicated by an instrument reading of less than 500 parts per million above background, as measured by the method specified in §63.180(c) of this subpart.

(c) Any pressure relief device that is routed to a process or fuel gas system or equipped with a closed-vent system capable of capturing and transporting leakage from the pressure relief device to a control device as described in §63.172 of this subpart is exempt from the requirements of paragraphs (a) and (b) of this section.

(d)(1) Any pressure relief device that is equipped with a rupture disk upstream of the pressure relief device is exempt from the requirements of paragraphs (a) and (b) of this section, provided the owner or operator complies with the requirements in paragraph (d)(2) of this section.

(2) After each pressure release, a rupture disk shall be installed upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in §63.171 of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 58: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.166, Subpart H

Item 58.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 58.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) Each sampling connection system shall be equipped

with a closed-purge, closed-loop, or closed-vent system, except as provided in §63.162(b) of this subpart. Gases displaced during filling of the sample container are not required to be collected or captured.

(b) Each closed-purge, closed-loop, or closed-vent system as required in paragraph (a) of this section shall:

(1) Return the purged process fluid directly to the process line; or

(2) Collect and recycle the purged process fluid to a process; or

(3) Be designed and operated to capture and transport the purged process fluid to a control device that complies with the requirements of §63.172 of this subpart; or

(4) Collect, store, and transport the purged process fluid to a system or facility identified in paragraph (b)(4)(i), (ii), or (iii) of this section.

(i) A waste management unit as defined in §63.111 of subpart G of this part, if the waste management unit is subject to, and operated in compliance with the provisions of subpart G of this part applicable to group 1 wastewater streams. If the purged process fluid does not contain any organic HAP listed in Table 9 of subpart G of part 63, the waste management unit need not be subject to, and operated in compliance with the requirements of 40 CFR part 63, subpart G applicable to group 1 wastewater streams provided the facility has an NPDES permit or sends the wastewater to an NPDES permitted facility.

(ii) A treatment, storage, or disposal facility subject to regulation under 40 CFR part 262, 264, 265, or 266; or

(iii) A facility permitted, licensed, or registered by a State to manage municipal or industrial solid waste, if the process fluids are not hazardous waste as defined in 40 CFR part 261.

(c) In-situ sampling systems and sampling systems without purges are exempt from the requirements of paragraphs (a) and (b) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 59: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.167, Subpart H

Item 59.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 59.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a)(1) Each open-ended valve or line shall be equipped with a cap, blind flange, plug, or a second valve, except as provided in §63.162(b) of this subpart and paragraphs (d) and (e) of this section.

(2) The cap, blind flange, plug, or second valve shall seal the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair.

(b) Each open-ended valve or line equipped with a second valve shall be operated in a manner such that the valve on the process fluid end is closed before the second valve is closed.

(c) When a double block and bleed system is being used, the bleed valve or line may remain open during operations that require venting the line between the block valves but shall comply with paragraph (a) of this section at all other times.

(d) Open-ended valves or lines in an emergency shutdown system which are designed to open automatically in the event of a process upset are exempt from the requirements of paragraphs (a), (b) and (c) of this section.

(e) Open-ended valves or lines containing materials which would autocatalytically polymerize or, would present an explosion, serious overpressure, or other safety hazard if capped or equipped with a double block and bleed system as specified in paragraphs (a) through (c) of this section are exempt from the requirements of paragraph (a) through (c) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 60: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.168, Subpart H

Item 60.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 60.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) The provisions of this section apply to valves that are either in gas service or in light liquid service.

(1) The provisions are to be implemented on the dates set forth in the specific subpart in 40 CFR part 63 that references this subpart as specified in paragraph (a)(1)(i), (a)(1)(ii), or (a)(1)(iii) of this section.

(iii) Sources subject to other subparts in 40 CFR part 63 that reference this subpart shall comply on the dates

specified in the applicable subpart.

(b) The owner or operator of a source subject to this subpart shall monitor all valves, except as provided in §63.162(b) of this subpart and paragraphs (h) and (i) of this section, at the intervals specified in paragraphs (c) and (d) of this section and shall comply with all other provisions of this section, except as provided in §63.171, §63.177, §63.178, and §63.179 of this subpart.

(1) The valves shall be monitored to detect leaks by the method specified in §63.180(b) of this subpart.

(2) The instrument reading that defines a leak in each phase of the standard is:

(iii) For Phase III, an instrument reading of 500 parts per million or greater.

(d) In Phase III, the owner or operator shall monitor valves for leaks at the intervals specified below:

(1) At process units with 2 percent or greater leaking valves, calculated according to paragraph (e) of this section, the owner or operator shall either:

(i) Monitor each valve once per month; or

(ii) Within the first year after the onset of Phase III, implement a quality improvement program for valves that complies with the requirements of §63.175 (d) or (e) of this subpart and monitor quarterly.

(2) At process units with less than 2 percent leaking valves, the owner or operator shall monitor each valve once each quarter, except as provided in paragraphs (d)(3) and (d)(4) of this section.

(3) At process units with less than 1 percent leaking valves, the owner or operator may elect to monitor each valve once every 2 quarters.

(4) At process units with less than 0.5 percent leaking valves, the owner or operator may elect to monitor each valve once every 4 quarters.

(e)(1) Percent leaking valves at a process unit shall be determined by the following
equation:

$$\%VL=(VL/(VT+VC))\times 100$$

where:

%VL=Percent leaking valves as determined through periodic monitoring required in paragraphs (b) through (d) of this section.

VL=Number of valves found leaking excluding nonrepairables as provided in paragraph (e)(3)(i) of this section.

VT=Total valves monitored, in a monitoring period excluding valves monitored as required by (f)(3) of this section.

VC=Optional credit for removed valves=0.67 × net number (i.e., total removed - total added) of valves in organic HAP service removed from process unit after the date set forth in §63.100(k) of subpart F for existing process units, and after the date of initial start-up for new sources. If credits are not taken, then VC=0.

(2) For use in determining monitoring frequency, as specified in paragraph (d) of this section, the percent leaking valves shall be calculated as a rolling average of two consecutive monitoring periods for monthly, quarterly, or semiannual monitoring programs; and as an average of any three out of four consecutive monitoring periods for annual monitoring programs.

(3)(i) Nonrepairable valves shall be included in the calculation of percent leaking valves the first time the valve is identified as leaking and nonrepairable and as required to comply with paragraph (e)(3)(ii) of this section. Otherwise, a number of nonrepairable valves (identified and included in the percent leaking calculation in a previous period) up to a maximum of 1 percent of the total number of valves in organic HAP service at a process unit may be excluded from calculation of percent leaking valves for subsequent monitoring periods.

(ii) If the number of nonrepairable valves exceeds 1 percent of the total number of valves in organic HAP service at a process unit, the number of nonrepairable valves exceeding 1 percent of the total number of valves in organic HAP service shall be included in the calculation of percent leaking valves.

(f)(1) When a leak is detected, it shall be repaired as soon as practicable, but no later than 15 calendar days

after the leak is detected, except as provided in §63.171 of this subpart.

(2) A first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

(3) When a leak has been repaired, the valve shall be monitored at least once within the first 3 months after its repair.

(i) The monitoring shall be conducted as specified in §63.180 (b) and (c), as appropriate, to determine whether the valve has resumed leaking.

(ii) Periodic monitoring required by paragraphs (b) through (d) of this section may be used to satisfy the requirements of this paragraph (f)(3), if the timing of the monitoring period coincides with the time specified in this paragraph (f)(3). Alternatively, other monitoring may be performed to satisfy the requirements of this paragraph (f)(3), regardless of whether the timing of the monitoring period for periodic monitoring coincides with the time specified in this paragraph (f)(3).

(iii) If a leak is detected by monitoring that is conducted pursuant to paragraph (f)(3) of this section, the owner or operator shall follow the provisions of paragraphs (f)(3)(iii)(A) and (f)(3)(iii)(B) of this section, to determine whether that valve must be counted as a leaking valve for purposes of §63.168(e) of this subpart.

(A) If the owner or operator elected to use periodic monitoring required by paragraphs (b) through (d) of this section to satisfy the requirements of paragraph (f)(3) of this section, then the valve shall be counted as a leaking valve.

(B) If the owner or operator elected to use other monitoring, prior to the periodic monitoring required by paragraphs (b) through (d) of this section, to satisfy the requirements of paragraph (f)(3) of this section, then the valve shall be counted as a leaking valve unless it is repaired and shown by periodic monitoring not to be leaking.

(g) First attempts at repair include, but are not limited to, the following practices where practicable:

(1) Tightening of bonnet bolts,

(2) Replacement of bonnet bolts,

(3) Tightening of packing gland nuts, and

(4) Injection of lubricant into lubricated packing.

(h) Any valve that is designated, as described in §63.181(b)(7)(i) of this subpart, as an unsafe-to-monitor valve is exempt from the requirements of paragraphs (b) through (f) of this section if:

(1) The owner or operator of the valve determines that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with paragraphs (b) through (d) of this section; and

(2) The owner or operator of the valve has a written plan that requires monitoring of the valve as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable.

(i) Any valve that is designated, as described in §63.181(b)(7)(ii) of this subpart, as a difficult-to-monitor valve is exempt from the requirements of paragraphs (b) through (d) of this section if:

(1) The owner or operator of the valve determines that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner;

(2) The process unit within which the valve is located is an existing source or the owner or operator designates less than 3 percent of the total number of valves in a new source as difficult-to-monitor; and

(3) The owner or operator of the valve follows a written plan that requires monitoring of the valve at least once per calendar year.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 61: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.169, Subpart H

Item 61.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 61.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Pumps, valves, connectors, and agitators in heavy liquid service, pressure relief devices in light liquid or heavy liquid service, and instrumentation systems shall be monitored within 5 calendar days by the method specified in §63.180(b) of this subpart if evidence of a potential leak to the atmosphere is found by visual, audible, olfactory, or any other detection method. If such a potential leak is repaired as required in paragraphs (c) and (d) of this section, it is not necessary to monitor the system for leaks by the method specified in §63.180(b) of this subpart.

(b) If an instrument reading of 10,000 parts per million or greater for agitators, 5,000 parts per million or greater for pumps handling polymerizing monomers, 2,000 parts per million or greater for all other pumps (including pumps in food/medical service), or 500 parts per million or greater for valves, connectors, instrumentation systems, and pressure relief devices is measured, a leak is detected.

(c)(1) When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in §63.171 of this subpart.

(2) The first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

(3) For equipment identified in paragraph (a) of this section that is not monitored by the method specified in §63.180(b), repaired shall mean that the visual, audible, olfactory, or other indications of a leak to the

atmosphere have been eliminated; that no bubbles are observed at potential leak sites during a leak check using soap solution; or that the system will hold a test pressure.

(d) First attempts at repair include, but are not limited to, the practices described under §§63.163(c)(2) and 63.168(g) of this subpart, for pumps and valves, respectively.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 62: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.170, Subpart H

Item 62.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA
Process: AT3 Emission Source: MF102

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 62.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each surge control vessel or bottoms receiver that is not routed back to the process and that meets the conditions specified in table 2 or table 3 of this subpart shall be equipped with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements in §63.172 of this subpart, except as provided in §63.162(b) of this subpart, or comply with the requirements of §63.119(b) or (c) of subpart G of this part.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 63: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.171, Subpart H

Item 63.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 63.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) Delay of repair of equipment for which leaks have been detected is allowed if repair within 15 days is technically infeasible without a process unit shutdown. Repair of this equipment shall occur by the end of the next process unit shutdown.

(b) Delay of repair of equipment for which leaks have been detected is allowed for equipment that is isolated from the process and that does not remain in organic HAP service.

(c) Delay of repair for valves, connectors, and agitators is also allowed if:

(1) The owner or operator determines that emissions of purged material resulting from immediate repair would be greater than the fugitive emissions likely to result from delay of repair, and

(2) When repair procedures are effected, the purged material is collected and destroyed or recovered in a control device complying with §63.172 of this subpart.

(d) Delay of repair for pumps is also allowed if:

(1) Repair requires replacing the existing seal design with a new system that the owner or operator has determined under the provisions of §63.176(d) of this subpart will provide better performance or:

(i) A dual mechanical seal system that meets the requirements of §63.163(e) of this subpart,

(ii) A pump that meets the requirements of §63.163(f) of this subpart, or

(iii) A closed-vent system and control device that meets the requirements of §63.163(g) of this subpart; and

(2) Repair is completed as soon as practicable, but not later than 6 months after the leak was detected.

(e) Delay of repair beyond a process unit shutdown will be allowed for a valve if valve assembly replacement is necessary during the process unit shutdown, valve assembly supplies have been depleted, and valve assembly supplies had been sufficiently stocked before the supplies were depleted. Delay of repair beyond the second process unit shutdown will not be allowed unless the third process unit shutdown occurs sooner than 6 months after the first process unit shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 64: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.172, Subpart H

Item 64.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA
Process: AT3 Emission Source: MF102

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 64.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Owners or operators of closed-vent systems and control devices used to comply with provisions of this subpart shall comply with the provisions of this section, except as provided in §63.162(b) of this subpart.

(b) Recovery or recapture devices (e.g., condensers and absorbers) shall be designed and operated to recover the organic hazardous air pollutant emissions or volatile organic compounds emissions vented to them with an efficiency of 95 percent or greater, or to an exit concentration of 20 parts par million by volume, whichever is less stringent. The 20 parts per million by volume performance standard is not applicable to the provisions of §63.179.

(e) Owners or operators of control devices that are used to comply with the provisions of this subpart shall monitor these control devices to ensure that they are operated and maintained in conformance with their design.

Note: The intent of this provision is to ensure proper operation and maintenance of the control device.

(f) Except as provided in paragraphs (k) and (l) of this section, each closed-vent system shall be inspected according to the procedures and schedule specified in paragraphs (f)(1) and (f)(2) of this section.

(1) If the closed-vent system is constructed of hard-piping, the owner or operator shall:

(i) Conduct an initial inspection according to the procedures in paragraph (g) of this section, and

(ii) Conduct annual visual inspections for visible, audible, or olfactory indications of leaks.

(g) Each closed-vent system shall be inspected according to the procedures in §63.180(b) of this subpart.

(h) Leaks, as indicated by an instrument reading greater than 500 parts per million above background or by visual inspections, shall be repaired as soon as practicable, except as provided in paragraph (i) of this section.

(1) A first attempt at repair shall be made no later than 5 calendar days after the leak is detected.

(2) Repair shall be completed no later than 15 calendar days after the leak is detected, except as provided in paragraph (i) of this section.

(i) Delay of repair of a closed-vent system for which leaks have been detected is allowed if the repair is technically infeasible without a process unit shutdown or if the owner or operator determines that emissions resulting from immediate repair would be greater than the fugitive emissions likely to result from delay of repair. Repair of such equipment shall be complete by the end of the next process unit shutdown.

(j) For each closed-vent system that contains bypass lines that could divert a vent stream away from the control device and to the atmosphere, the owner or operator shall comply with the provisions of either paragraph (j)(1) or (j)(2) of this section, except as provided in paragraph (j)(3) of this section.

(3) Equipment such as low leg drains, high point bleeds, analyzer vents, open-ended valves or lines, and pressure relief valves needed for safety purposes are not subject to this paragraph.

(m) Whenever organic HAP emissions are vented to a closed-vent system or control device used to comply with the provisions of this subpart, such system or control device shall be operating.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 65: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.173, Subpart H

Item 65.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 65.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a)(1) Each agitator shall be monitored monthly to detect leaks by the methods specified in §63.180(b) of this subpart, except as provided in §63.162(b) of this subpart.

(2) If an instrument reading of 10,000 parts per million or greater is measured, a leak is detected.

(b)(1) Each agitator shall be checked by visual inspection each calendar week for indications of liquids dripping from the agitator.

(2) If there are indications of liquids dripping from the agitator, a leak is detected.

(c)(1) When a leak is detected, it shall be repaired as soon as practicable, but not later than 15 calendar days after it is detected, except as provided in §63.171 of this subpart.

(2) A first attempt at repair shall be made no later than 5 calendar days after each leak is detected.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 66: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.174, Subpart H

Item 66.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 66.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) The owner or operator of a process unit subject to this subpart shall monitor all connectors in gas/vapor and light liquid service, except as provided in §63.162(b) of this subpart, and in paragraphs (f) through (h) of this section, at the intervals specified in paragraph (b) of this section.

(1) The connectors shall be monitored to detect leaks by the method specified in §63.180(b) of this subpart.

(2) If an instrument reading greater than or equal to 500 parts per million is measured, a leak is detected.

(b) The owner or operator shall monitor for leaks at the intervals specified in either paragraph (b)(1) or (b)(2) of this section and in paragraph (b)(3) of this section.

(3) After conducting the initial survey required in paragraph (b)(1) or (b)(2) of this section, the owner or operator shall perform all subsequent monitoring of connectors at the frequencies specified in paragraphs (b)(3)(i) through (b)(3)(v) of this section, except as provided in paragraph (c)(2) of this section:

(i) Once per year (i.e., 12-month period), if the percent leaking connectors in the process unit was 0.5 percent or greater during the last required annual or biennial monitoring period.

(ii) Once every 2 years, if the percent leaking connectors was less than 0.5 percent during the last required monitoring period. An owner or operator may comply with this paragraph by monitoring at least 40 percent of the connectors in the first year and the remainder of the connectors in the second year. The percent leaking connectors will be calculated for the total of all monitoring performed during the 2-year period.

(iii) If the owner or operator of a process unit in a biennial leak detection and repair program calculates less than 0.5 percent leaking connectors from the 2-year

monitoring period, the owner or operator may monitor the connectors one time every 4 years. An owner or operator may comply with the requirements of this paragraph by monitoring at least 20 percent of the connectors each year until all connectors have been monitored within 4 years.

(iv) If a process unit complying with the requirements of paragraph (b) of this section using a 4-year monitoring interval program has greater than or equal to 0.5 percent but less than 1 percent leaking connectors, the owner or operator shall increase the monitoring frequency to one time every 2 years. An owner or operator may comply with the requirements of this paragraph by monitoring at least 40 percent of the connectors in the first year and the remainder of the connectors in the second year. The owner or operator may again elect to use the provisions of paragraph (b)(3)(iii) of this section when the percent leaking connectors decreases to less than 0.5 percent.

(v) If a process unit complying with requirements of paragraph (b)(3)(iii) of this section using a 4-year monitoring interval program has 1 percent or greater leaking connectors, the owner or operator shall increase the monitoring frequency to one time per year. The owner or operator may again elect to use the provisions of paragraph (b)(3)(iii) of this section when the percent leaking connectors decreases to less than 0.5 percent.

(c)(1)(ii) As an alternative to the requirements in paragraph (c)(1)(i) of this section, an owner or operator may choose not to monitor connectors that have been opened or otherwise had the seal broken. In this case, the owner or operator may not count nonrepairable connectors for the purposes of paragraph (i)(2) of this section. The owner or operator shall calculate the percent leaking connectors for the monitoring periods described in paragraph (b) of this section, by setting the nonrepairable component, CAN, in the equation in paragraph (i)(2) of this section to zero for all monitoring periods.

(d) When a leak is detected, it shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected, except as provided in paragraph (g) of this section and in §63.171 of this subpart. A first attempt at repair shall be made no later than 5 calendar days after the leak is detected.

(f) Any connector that is designated, as described in §63.181(b)(7)(i) of this subpart, as an unsafe-to-monitor

connector is exempt from the requirements of paragraph (a) of this section if:

(1) The owner or operator determines that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with paragraphs (a) through (e) of this section; and

(2) The owner or operator has a written plan that requires monitoring of the connector as frequently as practicable during safe to monitor periods, but not more frequently than the periodic schedule otherwise applicable.

(g) Any connector that is designated, as described in §63.181(b)(7)(iii) of this subpart, as an unsafe-to-repair connector is exempt from the requirements of paragraphs (a), (d), and (e) of this section if:

(1) The owner or operator determines that repair personnel would be exposed to an immediate danger as a consequence of complying with paragraph (d) of this section; and

(2) The connector will be repaired before the end of the next scheduled process unit shutdown.

(h)(1) Any connector that is inaccessible or is ceramic or ceramic-lined (e.g., porcelain, glass, or glass-lined), is exempt from the monitoring requirements of paragraphs (a) and (c) of this section and from the recordkeeping and reporting requirements of §63.181 and §63.182 of this subpart. An inaccessible connector is one that is:

(i) Buried;

(ii) Insulated in a manner that prevents access to the connector by a monitor probe;

(iii) Obstructed by equipment or piping that prevents access to the connector by a monitor probe;

(iv) Unable to be reached from a wheeled scissor-lift or hydraulic-type scaffold which would allow access to connectors up to 7.6 meters (25 feet) above the ground;

(v) Inaccessible because it would require elevating the monitoring personnel more than 2 meters above a permanent support surface or would require the erection of scaffold; or

(vi) Not able to be accessed at any time in a safe manner

to perform monitoring. Unsafe access includes, but is not limited to, the use of a wheeled scissor-lift on unstable or uneven terrain, the use of a motorized man-lift basket in areas where an ignition potential exists, or access would require near proximity to hazards such as electrical lines, or would risk damage to equipment.

(2) If any inaccessible or ceramic or ceramic-lined connector is observed by visual, audible, olfactory, or other means to be leaking, the leak shall be repaired as soon as practicable, but no later than 15 calendar days after the leak is detected, except as provided in §63.171 of this subpart and paragraph (g) of this section.

(3) A first attempt at repair shall be made no later than 5 calendar days after the leak is detected.

(i)(2) For subsequent monitoring periods, use the following equation:

% CL= [(CL - CAN)/(Ct+ CC)] × 100

where:

% CL= Percent leaking connectors as determined through periodic monitoring required in paragraphs (a) and (b) of this section.

CL= Number of connectors, including nonrepairables, measured at 500 parts per million or greater, by the method specified in §63.180(b) of this subpart.

CAN= Number of allowable nonrepairable connectors, as determined by monitoring required in paragraphs (b)(3) and (c) of this section, not to exceed 2 percent of the total connector population, Ct.

Ct= Total number of monitored connectors, including nonrepairables, in the process unit.

CC= Optional credit for removed connectors = 0.67 × net number (i.e., total removed - total added) of connectors in organic hazardous air pollutants service removed from the process unit after the compliance date set forth in the applicable subpart for existing process units, and after the date of initial start-up for new process units. If credits are not taken, then CC= 0.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 67: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.180, Subpart H

Item 67.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 67.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Each owner or operator subject to the provisions of this subpart shall comply with the test methods and procedures requirements provided in this section.

(b) Monitoring, as required under this subpart, shall comply with the following requirements:

(1) Monitoring shall comply with Method 21 of 40 CFR part 60, appendix A.

(2)(i) Except as provided for in paragraph (b)(2)(ii) of this section, the detection instrument shall meet the performance criteria of Method 21 of 40 CFR part 60, appendix A, except the instrument response factor criteria in Section 3.1.2(a) of Method 21 shall be for the average composition of the process fluid not each individual VOC in the stream. For process streams that contain nitrogen, water, air, or other inerts which are not organic HAP's or VOC's, the average stream response factor may be calculated on an inert-free basis. The response factor may be determined at any concentration for which monitoring for leaks will be conducted.

(3) The instrument shall be calibrated before use on each day of its use by the procedures specified in Method 21 of

40 CFR part 60, appendix A.

(4) Calibration gases shall be:

(i) Zero air (less than 10 parts per million of hydrocarbon in air); and

(ii) Mixtures of methane in air at the concentrations specified in paragraphs (b)(4)(ii)(A) through (b)(4)(ii)(C) of this section. A calibration gas other than methane in air may be used if the instrument does not respond to methane or if the instrument does not meet the performance criteria specified in paragraph (b)(2)(i) of this section. In such cases, the calibration gas may be a mixture of one or more of the compounds to be measured in air.

(C) For Phase III, a mixture of methane or other compounds, as applicable, and air at a concentration of approximately, but less than, 10,000 parts per million methane for agitators; 2,000 parts per million for pumps in food/medical service; 5,000 parts per million for pumps in polymerizing monomer service; 1,000 parts per million for all other pumps; and 500 parts per million for all other equipment, except as provided in paragraph (b)(4)(iii) of this section.

(iii) The instrument may be calibrated at a higher methane concentration than the concentration specified for that piece of equipment. The concentration of the calibration gas may exceed the concentration specified as a leak by no more than 2,000 parts per million. If the monitoring instrument's design allows for multiple calibration scales, then the lower scale shall be calibrated with a calibration gas that is no higher than 2,000 parts per million above the concentration specified as a leak and the highest scale shall be calibrated with a calibration gas that is approximately equal to 10,000 parts per million. If only one scale on an instrument will be used during monitoring, the owner or operator need not calibrate the scales that will not be used during that day's monitoring.

(5) Monitoring shall be performed when the equipment is in organic HAP service, in use with an acceptable surrogate volatile organic compound which is not an organic HAP, or is in use with any other detectable gas or vapor.

(c) When equipment is monitored for compliance as required in §§63.164(i), 63.165(a), and 63.172(f) or when equipment subject to a leak definition of 500 ppm is monitored for leaks as required by this subpart, the owner or operator

may elect to adjust or not to adjust the instrument readings for background. If an owner or operator elects to not adjust instrument readings for background, the owner or operator shall monitor the equipment according to the procedures specified in paragraphs (b)(1) through (b)(4) of this section. In such case, all instrument readings shall be compared directly to the applicable leak definition to determine whether there is a leak. If an owner or operator elects to adjust instrument readings for background, the owner or operator shall monitor the equipment according to the procedures specified in paragraphs (c)(1) through (c)(4) of this section.

(1) The requirements of paragraphs (b) (1) through (4) of this section shall apply.

(2) The background level shall be determined, using the same procedures that will be used to determine whether the equipment is leaking.

(3) The instrument probe shall be traversed around all potential leak interfaces as close to the interface as possible as described in Method 21 of 40 CFR part 60, appendix A.

(4) The arithmetic difference between the maximum concentration indicated by the instrument and the background level is compared with 500 parts per million for determining compliance.

(d)(1) Each piece of equipment within a process unit that can reasonably be expected to contain equipment in organic HAP service is presumed to be in organic HAP service unless an owner or operator demonstrates that the piece of equipment is not in organic HAP service. For a piece of equipment to be considered not in organic HAP service, it must be determined that the percent organic HAP content can be reasonably expected not to exceed 5 percent by weight on an annual average basis. For purposes of determining the percent organic HAP content of the process fluid that is contained in or contacts equipment, Method 18 of 40 CFR part 60, appendix A shall be used.

(2)(i) An owner or operator may use good engineering judgment rather than the procedures in paragraph (d)(1) of this section to determine that the percent organic HAP content does not exceed 5 percent by weight. When an owner or operator and the Administrator do not agree on whether a piece of equipment is not in organic HAP service, however, the procedures in paragraph (d)(1) of this section shall be used to resolve the disagreement.

(ii) Conversely, the owner or operator may determine that the organic HAP content of the process fluid does not exceed 5 percent by weight by, for example, accounting for 98 percent of the content and showing that organic HAP is less than 3 percent.

(3) If an owner or operator determines that a piece of equipment is in organic HAP service, the determination can be revised after following the procedures in paragraph (d)(1) of this section, or by documenting that a change in the process or raw materials no longer causes the equipment to be in organic HAP service.

(4) Samples used in determining the percent organic HAP content shall be representative of the process fluid that is contained in or contacts the equipment.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 68: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.181, Subpart H

Item 68.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA
Process: AT3 Emission Source: MF102

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 68.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(b) Except as provided in paragraph (e) of this section, the following information pertaining to all equipment in each process unit subject to the requirements in §§63.162 through 63.174 of this subpart shall be recorded:

(2)(iii) Identification of surge control vessels or

bottoms receivers subject to the provisions of this subpart that the owner or operator elects to equip with a closed-vent system and control device, under the provisions of §63.170 of this subpart.

(g) The owner or operator shall maintain records of the information specified in paragraphs (g)(1) through (g)(3) of this section for closed-vent systems and control devices subject to the provisions of §63.172 of this subpart. The records specified in paragraph (g)(1) of this section shall be retained for the life of the equipment. The records specified in paragraphs (g)(2) and (g)(3) of this section shall be retained for 2 years.

(1) The design specifications and performance demonstrations specified in paragraphs (g)(1)(i) through (g)(1)(iv) of this section.

(i) Detailed schematics, design specifications of the control device, and piping and instrumentation diagrams.

(ii) The dates and descriptions of any changes in the design specifications.

(iv) A description of the parameter or parameters monitored, as required in §63.172(e) of this subpart, to ensure that control devices are operated and maintained in conformance with their design and an explanation of why that parameter (or parameters) was selected for the monitoring.

(2) Records of operation of closed-vent systems and control devices, as specified in paragraphs (g)(2)(i) through (g)(2)(iii) of this section.

(i) Dates and durations when the closed-vent systems and control devices required in §§63.163 through 63.166, and §63.170 of this subpart are not operated as designed as indicated by the monitored parameters, including periods when a flare pilot light system does not have a flame.

(ii) Dates and durations during which the monitoring system or monitoring device is inoperative.

(iii) Dates and durations of start-ups and shutdowns of control devices required in §§63.163 through 63.166, and §63.170 of this subpart.

(3) Records of inspections of closed-vent systems subject to the provisions of §63.172 of this subpart, as specified

in paragraphs (g)(3)(i) and (g)(3)(ii) of this section.

(i) For each inspection conducted in accordance with the provisions of §63.172(f)(1) or (f)(2) of this subpart during which no leaks were detected, a record that the inspection was performed, the date of the inspection, and a statement that no leaks were detected.

(ii) For each inspection conducted in accordance with the provisions of §63.172(f)(1) or (f)(2) of this subpart during which leaks were detected, the information specified in paragraph (d) of this section shall be recorded.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 69: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.181, Subpart H

Item 69.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 69.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) An owner or operator of more than one process unit subject to the provisions of this subpart may comply with the recordkeeping requirements for these process units in one recordkeeping system if the system identifies each record by process unit and the program being implemented (e.g., quarterly monitoring, quality improvement) for each

type of equipment. All records and information required by this section shall be maintained in a manner that can be readily accessed at the plant site. This could include physically locating the records at the plant site or accessing the records from a central location by computer at the plant site.

(b) Except as provided in paragraph (e) of this section, the following information pertaining to all equipment in each process unit subject to the requirements in §§63.162 through 63.174 of this subpart shall be recorded:

(1)(i) A list of identification numbers for equipment (except connectors exempt from monitoring and recordkeeping identified in §63.174 of this subpart and instrumentation systems) subject to the requirements of this subpart. Connectors need not be individually identified if all connectors in a designated area or length of pipe subject to the provisions of this subpart are identified as a group, and the number of connectors subject is indicated. With respect to connectors, the list shall be complete no later than the completion of the initial survey required by §63.174 (b)(1) or (b)(2) of this subpart.

(ii) A schedule by process unit for monitoring connectors subject to the provisions of §63.174(a) of this subpart and valves subject to the provisions of §63.168(d) of this subpart.

(iii) Physical tagging of the equipment to indicate that it is in organic HAP service is not required. Equipment subject to the provisions of this subpart may be identified on a plant site plan, in log entries, or by other appropriate methods.

(3)(i) A list of identification numbers for pressure relief devices subject to the provisions in §63.165(a) of this subpart.

(ii) A list of identification numbers for pressure relief devices equipped with rupture disks, under the provisions of §63.165(d) of this subpart.

(4) Identification of instrumentation systems subject to the provisions of this subpart. Individual components in an instrumentation system need not be identified.

(7) The following information pertaining to all pumps subject to the provisions of §63.163(j), valves subject to the provisions of §63.168(h) and (i) of this subpart,

agitators subject to the provisions of §63.173(h) through (j), and connectors subject to the provisions of §63.174(f) and (g) of this subpart shall be recorded:

(i) Identification of equipment designated as unsafe to monitor, difficult to monitor, or unsafe to inspect and the plan for monitoring or inspecting this equipment.

(ii) A list of identification numbers for the equipment that is designated as difficult to monitor, an explanation of why the equipment is difficult to monitor, and the planned schedule for monitoring this equipment.

(iii) A list of identification numbers for connectors that are designated as unsafe to repair and an explanation why the connector is unsafe to repair.

(10) For any leaks detected as specified in §§63.163 and 63.164; §§63.168 and 63.169; and §§63.172 through 63.174 of this subpart, a weatherproof and readily visible identification, marked with the equipment identification number, shall be attached to the leaking equipment.

(c) For visual inspections of equipment subject to the provisions of this subpart (e.g., §63.163(b)(3), §63.163(e)(4)(i)), the owner or operator shall document that the inspection was conducted and the date of the inspection. The owner or operator shall maintain records as specified in paragraph (d) of this section for leaking equipment identified in this inspection, except as provided in paragraph (e) of this section. These records shall be retained for 2 years.

(d) When each leak is detected as specified in §§63.163 and 63.164; §§63.168 and 63.169; and §§63.172 through 63.174 of this subpart, the following information shall be recorded and kept for 2 years:

(1) The instrument and the equipment identification number and the operator name, initials, or identification number.

(2) The date the leak was detected and the date of first attempt to repair the leak.

(3) The date of successful repair of the leak.

(4) Maximum instrument reading measured by Method 21 of 40 CFR part 60, appendix A after it is successfully repaired or determined to be nonrepairable.

(5) "Repair delayed" and the reason for the delay if a leak is not repaired within 15 calendar days after discovery of the leak.

(i) The owner or operator may develop a written procedure that identifies the conditions that justify a delay of repair. The written procedures may be included as part of the startup/shutdown/malfunction plan, required by §63.6(e)(3), for the source or may be part of a separate document that is maintained at the plant site. In such cases, reasons for delay of repair may be documented by citing the relevant sections of the written procedure.

(ii) If delay of repair was caused by depletion of stocked parts, there must be documentation that the spare parts were sufficiently stocked on-site before depletion and the reason for depletion.

(6) Dates of process unit shutdowns that occur while the equipment is unrepaired.

(7)(ii) The date and results of monitoring as required in §63.174(c) of this subpart. If identification of connectors that have been opened or otherwise had the seal broken is made by location under paragraph (d)(7)(i) of this section, then all connectors within the designated location shall be monitored.

(9) Copies of the periodic reports as specified in §63.182(d) of this subpart, if records are not maintained on a computerized database capable of generating summary reports from the records.

(f) The dates and results of each compliance test required for compressors subject to the provisions in §63.164(i) and the dates and results of the monitoring following a pressure release for each pressure relief device subject to the provisions in §§63.165 (a) and (b) of this subpart. The results shall include:

(1) The background level measured during each compliance test.

(2) The maximum instrument reading measured at each piece of equipment during each compliance test.

(i) The owner or operator of equipment in heavy liquid service shall comply with the requirements of either paragraph (i)(1) or (i)(2) of this section, as provided in paragraph (i)(3) of this section.

(1) Retain information, data, and analyses used to determine that a piece of equipment is in heavy liquid service.

(2) When requested by the Administrator, demonstrate that the piece of equipment or process is in heavy liquid service.

(3) A determination or demonstration that a piece of equipment or process is in heavy liquid service shall include an analysis or demonstration that the process fluids do not meet the definition of in light liquid service. Examples of information that could document this include, but are not limited to, records of chemicals purchased for the process, analyses of process stream composition, engineering calculations, or process knowledge.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 70: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.182, Subpart H

Item 70.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 70.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) Each owner or operator of a source subject to this subpart shall submit the reports listed in paragraphs (a)(1) through (a)(5) of this section. Owners or operators requesting an extension of compliance shall also submit the report listed in paragraph (a)(6) of this section.

(3) Periodic Reports described in paragraph (d) of this section, and

(d) The owner or operator of a source subject to this subpart shall submit Periodic Reports.

(1) A report containing the information in paragraphs (d)(2), (d)(3), and (d)(4) of this section shall be submitted semiannually starting 6 months after the Notification of Compliance Status, as required in paragraph (c) of this section. The first periodic report shall cover the first 6 months after the compliance date specified in §63.100(k)(3) of subpart F. Each subsequent periodic report shall cover the 6 month period following the preceding period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 71: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.182, Subpart H

Item 71.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: A-PAREA

Emission Unit: H-IPSBG

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 71.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(d) The owner or operator of a source subject to this subpart shall submit Periodic Reports.

(2) For each process unit complying with the provisions of §63.163 through §63.174 of this subpart, the summary

information listed in paragraphs (i) through (xvi) of this paragraph for each monitoring period during the 6-month period.

(i) The number of valves for which leaks were detected as described in §63.168(b) of this subpart, the percent leakers, and the total number of valves monitored;

(ii) The number of valves for which leaks were not repaired as required in §63.168(f) of this subpart, identifying the number of those that are determined nonrepairable;

(iii) The number of pumps for which leaks were detected as described in §63.163(b) of this subpart, the percent leakers, and the total number of pumps monitored;

(iv) The number of pumps for which leaks were not repaired as required in §63.163(c) of this subpart;

(v) The number of compressors for which leaks were detected as described in §63.164(f) of this subpart;

(vi) The number of compressors for which leaks were not repaired as required in §63.164(g) of this subpart;

(vii) The number of agitators for which leaks were detected as described in §63.173(a) and (b) of this subpart;

(viii) The number of agitators for which leaks were not repaired as required in §63.173(c) of this subpart;

(ix) The number of connectors for which leaks were detected as described in §63.174(a) of this subpart, the percent of connectors leaking, and the total number of connectors monitored;

(xi) The number of connectors for which leaks were not repaired as required in §63.174(d) of this subpart, identifying the number of those that are determined nonrepairable;

(xiii) The facts that explain any delay of repairs and, where appropriate, why a process unit shutdown was technically infeasible.

(xiv) The results of all monitoring to show compliance with §§63.164(i), 63.165(a), and 63.172(f) of this subpart

conducted within the semiannual reporting period.

(xv) If applicable, the initiation of a monthly monitoring program under §63.168(d)(1)(i) of this subpart, or a quality improvement program under either §§63.175 or 63.176 of this subpart.

(xvi) If applicable, notification of a change in connector monitoring alternatives as described in §63.174(c)(1) of this subpart.

(xvii) If applicable, the compliance option that has been selected under §63.172(n).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 72: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.982(d), Subpart SS

Item 72.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RT6

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 72.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Route to a fuel gas system or process. Owners or operators that route emissions to a fuel gas system or to a process shall meet the requirements in 40 CFR 63.984, the monitoring, recordkeeping, and reporting requirements referenced therein, and the applicable recordkeeping and reporting requirements of 40 CFR 63.998 and 40 CFR 63.999. No other provisions of this subpart apply to the emissions being routed to a fuel gas system or process.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 73: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.982(e), Subpart SS

Item 73.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG Emission Point: 01365

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 73.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Final recovery devices. Owners or operators who use a final recovery device to maintain a TRE above a level specified in a referencing subpart shall meet the requirements in 40 CFR 63.993 and the monitoring, recordkeeping, and the reporting requirements referenced therein that are applicable to the recovery device being used; the applicable monitoring requirements in 40 CFR 63.996 and the recordkeeping and reporting requirements referenced therein; and the applicable recordkeeping and reporting requirements of 40 CFR 63.998 and 40 CFR 63.999. No other provisions of this subpart apply to the process vent emissions routed to a final recovery device.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING
DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 74: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.990(b), Subpart SS

Item 74.1:
The Compliance Certification activity will be performed for the facility:

The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RT5

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 74.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Performance test requirements. Except as specified in §63.997(b), the owner or operator shall conduct an initial performance test of any absorber, condenser, or carbon adsorber used as a control device to comply with the provisions of the referencing subpart and this subpart according to the procedures in §63.997. Performance test records shall be kept as specified in §63.998(a)(2) and a performance test report shall be submitted as specified in §63.999(a)(2). As provided in §63.985(b)(1), a design evaluation may be used as an alternative to the performance test for storage vessels and low throughput transfer rack controls. As provided in §63.986(b), no performance test is required to demonstrate compliance for equipment leaks.

This requirement will not apply until the production level in the Mix Tank causes uncontrolled HAP emissions from all BPV's in the RESIN MCPU to exceed 10,000 pounds/year. Monitoring will only occur when vents are exitting the Mix Tank (during charging and purging).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 0 days after the reporting period.
The initial report is due 12/31/2020.
Subsequent reports are due every 6 calendar month(s).

Condition 75: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.990(c)(2), Subpart SS

Item 75.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RT5 Emission Source: EC520

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 75.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The exit gas temperature from TMBPA mix tank (MS560) vent (EC520) will be monitored to assure sufficient cooling of vent gas prior to conveyance to Area 8 Scrubber in order to achieve the required equal to or greater than 95 percent overall batch process vent (BPV) HAP reduction. This requirement will not apply until the production level in the Mix Tank causes the uncontrolled HAP emissions from all BPV's in the RESIN MCPU to exceed 10,000 lbs/yr. Monitoring will only occur when vents are exiting the Mix Tank (during charging and purging).

Parameter Monitored: TEMPERATURE
Upper Permit Limit: 100 degrees Fahrenheit
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24 HOUR DAILY AVERAGE (ARITHMETIC MEAN)
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 76: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2450(k), Subpart FFFF

Item 76.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG Emission Point: 01365

Emission Unit: R-ESBLG
Process: RT5

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 76.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(k) Continuous parameter monitoring. The provisions in paragraphs (k)(1) through (6) of this section apply in addition to the requirements for continuous parameter monitoring system (CPMS) in subpart SS of this part 63.

(1) You must record the results of each calibration check and all maintenance performed on the CPMS as specified in §63.998(c)(1)(ii)(A).

(2) When subpart SS of this part 63 uses the term "a range" or "operating range" of a monitored parameter, it means an "operating limit" for a monitored parameter for the purposes of this subpart.

(5) For absorbers that control organic compounds and use water as the scrubbing fluid, you must conduct monitoring and recordkeeping as specified in paragraphs (k)(5)(i) through (iii) of this section instead of the monitoring and recordkeeping requirements specified in §§63.990(c)(1), 63.993(c)(1), and 63.998(a)(2)(ii)(C).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 77: Surge control vessels and bottoms receivers
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2450(r), Subpart FFFF

Item 77.1:
This Condition applies to:

Emission Unit: RESBLG
Process: RT5

Emission Unit: RESBLG
Process: RT6

Item 77.2:
For each surge control vessel or bottoms receiver that meets the capacity and vapor pressure thresholds for a group 1 storage tank, the facility must meet the emission limits and work practice standards specified in table 4 of subpart FFFF.

Condition 78: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2455(a), Subpart FFFF

Item 78.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RT5

Emission Unit: R-ESBLG
Process: RWS

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 78.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must meet each emission limit in Table 1 to this subpart that applies to your continuous process vents, and you must meet each applicable requirement specified in paragraphs (b) through (c) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 79: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2455(b), Subpart FFFF

Item 79.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RT5

Emission Unit: R-ESBLG
Process: RWS

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 79.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For each continuous process vent, the facility must either designate the vent as a Group 1 continuous process vent or determine the total resource effectiveness (TRE) index value as specified in §63.115(d), except as specified in §63.2455(b)(1)-(3).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 80: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2455(c), Subpart FFFF

Item 80.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG Emission Point: 01355
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01356
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01357
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01358
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01359
Process: RWS

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 80.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
If you use a recovery device to maintain the TRE above a specific threshold, you must meet the requirements referenced therein, except as specified in 40 CFR 63.2450 and 40 CFR 63.2450(c)(1).

Parameter Monitored: TRE INDEX VALUE
Lower Permit Limit: 5.0 TRE Index value
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24 HOUR BLOCK AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 81: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2460(a), Subpart FFFF

Item 81.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RT2 Emission Source: RM606

Emission Unit: R-ESBLG
Process: RT3 Emission Source: RM605

Emission Unit: R-ESBLG
Process: RT5 Emission Source: MS560

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 81.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in paragraphs (b) and (c) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 82: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2460(b), Subpart FFFF

Item 82.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RT2 Emission Source: RM606

Emission Unit: R-ESBLG
Process: RT3 Emission Source: RM605

Emission Unit: R-ESBLG
Process: RT5 Emission Source: MS560

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 82.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Group status. If a process has batch process vents, as defined in 40 CFR 63.2550, you must determine the group status of the batch process vents by determining and summing the uncontrolled organic HAP emissions from each of the batch process vents within the process using the procedures specified in 40 CFR 63.1257(d)(2)(i) and (ii), except as specified in paragraphs (b)(1) through (7) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 83: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2470(d), Subpart FFFF

Item 83.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RT5

Emission Unit: R-ESBLG

Process: RT6

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 83.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The emission limits in table 4 of subpart FFFF for control devices used to control emissions from storage tanks do not apply during periods of planned routine maintenance.

Periods of planned routine maintenance of each control device, during which the control device does not meet the emission limit specified in table 4 of subpart FFFF, must not exceed 240 hours/year.

The facility may submit an application to NYSDEC requesting an extension of this time limit to a total of 360 hr/yr. The application must explain why the extension is needed, it must indicate that no material will be added to the storage tank between the time the 240 hour limit is exceeded and the control device is again operational, and it must be submitted at least 60 days before the 240 hour limit will be exceeded.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 84: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2475, Subpart FFFF

Item 84.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RT4 Emission Source: T1379

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 84.2:

Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) You must comply with each emission limit and work practice standard in table 5 to this subpart that applies to your transfer racks, and you must meet each applicable requirement in paragraphs (b) and (c) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 85: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2480, Subpart FFFF

Item 85.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RFE Emission Source: RLDAR

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 85.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) You must meet each requirement in Table 6 to this subpart that applies to your equipment leaks, except as specified in paragraphs (b) through (d) of this section.

(b) If you comply with either subpart H or subpart UU of this part 63, you may elect to comply with the provisions in paragraphs (b)(1) through (5) of this section as an alternative to the referenced provisions in subpart H or subpart UU of this part.

(c) If you comply with 40 CFR 65, subpart F, you may elect to comply with the provisions in paragraphs (c)(1) through (9) of this section as an alternative to the referenced provisions in 40 CFR 65, subpart F.

(d) The provisions of this section do not apply to bench scale processes, regardless of whether the processes are located at the same plant site as a process subject to the provisions of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 86: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2485, Subpart FFFF

Item 86.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RFE Emission Source: R-PWW

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 86.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) You must meet the requirement in table 7 to this subpart that applies to your wastewater streams and the liquid streams in open systems within an MCPU, except as specified in paragraphs (b) through (o) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 87: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2490, Subpart FFFF

Item 87.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG
Process: RFE Emission Source: R-HES

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 87.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) You must comply with each requirement in Table 10 to this subpart that applies to your heat exchange systems, except as specified in paragraphs (b) and (c) of this section.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 88: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2520, Subpart FFFF

Item 88.1:
The Compliance Certification activity will be performed for the facility:
The Compliance Certification applies to:

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 88.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(b) Unless the Administrator has approved a different schedule for submission of reports under §63.10(a), you must submit each report by the date in table 11 to this subpart and according to paragraphs (b)(1) through (5) of this section.

(3) Each subsequent compliance report must cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through

December 31.

(4) Each subsequent compliance report must be postmarked or delivered no later than August 31 or February 28, whichever date is the first date following the end of the semiannual reporting period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 89: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63, Subpart GGGGG

Item 89.1:
The Compliance Certification activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 89.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
In the event the permittee conducts a site remediation that is not exempt persuant 40 CFR 63.7881(b), the permittee shall comply with the applicable requirements in Subpart GGGGG with respect to such a site remediation.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 90: Applicability
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63, Subpart ZZZZ

Item 90.1:
Facilities that have reciprocating internal combustion engines must comply with applicable portions of 40 CFR 63 subpart ZZZZ.

****** Emission Unit Level ******

Condition 91: Emission Point Definition By Emission Unit
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 91.1:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: A-PAREA

Emission Point: 00282
Height (ft.): 15 Diameter (in.): 4
NYTMN (km.): 4714.113 NYTME (km.): 593.851

Emission Point: 00284
Height (ft.): 160 Diameter (in.): 117
NYTMN (km.): 4713.965 NYTME (km.): 593.886

Emission Point: 00295
Height (ft.): 55 Diameter (in.): 4
NYTMN (km.): 4714.06 NYTME (km.): 593.857 Building: AP

Emission Point: 00704
Height (ft.): 25 Diameter (in.): 12
NYTMN (km.): 4714.044 NYTME (km.): 593.815

Emission Point: 01208
Height (ft.): 55 Diameter (in.): 4
NYTMN (km.): 4713.997 NYTME (km.): 593.924 Building: AP

Emission Point: 01209
Height (ft.): 55 Diameter (in.): 4
NYTMN (km.): 4713.982 NYTME (km.): 593.913 Building: AP

Emission Point: 01212
Height (ft.): 20 Diameter (in.): 3
NYTMN (km.): 4714.002 NYTME (km.): 593.909

Emission Point: 01235
Height (ft.): 55 Diameter (in.): 4
NYTMN (km.): 4713.976 NYTME (km.): 593.953 Building: AP

Emission Point: 01236
Height (ft.): 15 Length (in.): 8 Width (in.): 6
NYTMN (km.): 4713.924 NYTME (km.): 593.982 Building: AP CATALYS

Emission Point: 01240
Height (ft.): 6 Diameter (in.): 6

NYTMN (km.): 4713.935 NYTME (km.): 593.966 Building: AP CATALYS

Emission Point: 01241
Height (ft.): 22 Diameter (in.): 2
NYTMN (km.): 4713.922 NYTME (km.): 593.975 Building: AP CATALYS

Emission Point: 01247
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4714.048 NYTME (km.): 593.819

Emission Point: 01252
Height (ft.): 5 Diameter (in.): 2
NYTMN (km.): 4714.121 NYTME (km.): 593.831

Emission Point: 01266
Height (ft.): 1 Diameter (in.): 6
NYTMN (km.): 4713.997 NYTME (km.): 593.885

Emission Point: 01268
Height (ft.): 29 Diameter (in.): 4
NYTMN (km.): 4714.043 NYTME (km.): 593.878

Item 91.2:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: C-XPRSS

Emission Point: 05000
Height (ft.): 17 Length (in.): 9 Width (in.): 8
NYTMN (km.): 4713.714 NYTME (km.): 594.4

Emission Point: 05004
Height (ft.): 10 Length (in.): 23 Width (in.): 21
NYTMN (km.): 4713.72 NYTME (km.): 594.403

Emission Point: 05005
Height (ft.): 10 Diameter (in.): 6
NYTMN (km.): 4713.713 NYTME (km.): 594.396

Emission Point: 05007
Height (ft.): 35 Diameter (in.): 8
NYTMN (km.): 4713.738 NYTME (km.): 594.499 Building: COLORXPRES

Item 91.3:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: H-IPSBG

Emission Point: 03002
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.263 NYTME (km.): 593.985

Emission Point: 03003
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.261 NYTME (km.): 593.984

Emission Point: 03004
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.247 NYTME (km.): 593.971

Emission Point: 03005
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.245 NYTME (km.): 593.969

Emission Point: 03009
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.262 NYTME (km.): 594.047

Emission Point: 03010
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.261 NYTME (km.): 594.048

Emission Point: 03011
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.212 NYTME (km.): 594.092

Emission Point: 03012
Height (ft.): 30 Diameter (in.): 35
NYTMN (km.): 4714.19 NYTME (km.): 594.117

Emission Point: 03013
Height (ft.): 20 Diameter (in.): 36
NYTMN (km.): 4714.189 NYTME (km.): 594.108

Emission Point: 03014
Height (ft.): 20 Diameter (in.): 36
NYTMN (km.): 4714.202 NYTME (km.): 594.059

Emission Point: 03022
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.188 NYTME (km.): 593.975

Emission Point: 03023
Height (ft.): 20 Diameter (in.): 3
NYTMN (km.): 4714.186 NYTME (km.): 593.96

Emission Point: 03032
Height (ft.): 8 Diameter (in.): 2
NYTMN (km.): 4714.262 NYTME (km.): 594.004

Emission Point: 03033
Height (ft.): 8 Diameter (in.): 2
NYTMN (km.): 4714.263 NYTME (km.): 594.005

Emission Point: 03039
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.129 NYTME (km.): 593.938 Building: HIPS

Emission Point: 03041
Height (ft.): 30 Diameter (in.): 3
NYTMN (km.): 4714.208 NYTME (km.): 594.118

Emission Point: 03045
Height (ft.): 4 Diameter (in.): 5
NYTMN (km.): 4714.264 NYTME (km.): 594.027

Item 91.4:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: R-ESBLG

Emission Point: 00306
Height (ft.): 20 Diameter (in.): 3
NYTMN (km.): 4714.345 NYTME (km.): 593.892

Emission Point: 00310
Height (ft.): 14 Diameter (in.): 2
NYTMN (km.): 4714.362 NYTME (km.): 593.897

Emission Point: 00312
Height (ft.): 32 Diameter (in.): 6
NYTMN (km.): 4714.224 NYTME (km.): 593.733 Building: RESIN REAC

Emission Point: 00313
Height (ft.): 47 Diameter (in.): 6
NYTMN (km.): 4714.391 NYTME (km.): 593.893 Building: RESIN REAC

Emission Point: 00314
Height (ft.): 47 Diameter (in.): 6
NYTMN (km.): 4714.395 NYTME (km.): 593.891 Building: RESIN REAC

Emission Point: 00337
Height (ft.): 34 Diameter (in.): 6
NYTMN (km.): 4714.224 NYTME (km.): 593.733 Building: RESIN

Emission Point: 00341
Height (ft.): 40 Diameter (in.): 12
NYTMN (km.): 4714.404 NYTME (km.): 593.887 Building: RESIN

Emission Point: 00343
Height (ft.): 55 Diameter (in.): 6
NYTMN (km.): 4714.43 NYTME (km.): 593.887 Building: RESIN REAC

Emission Point: 00344
Height (ft.): 55 Diameter (in.): 6

NYTMN (km.): 4714.436 NYTME (km.): 593.88 Building: RESIN REAC

Emission Point: 00367
Height (ft.): 70 Length (in.): 10 Width (in.): 4
NYTMN (km.): 4714.36 NYTME (km.): 593.85 Building: RESIN

Emission Point: 00368
Height (ft.): 70 Diameter (in.): 4
NYTMN (km.): 4714.363 NYTME (km.): 593.849 Building: RESIN

Emission Point: 00369
Height (ft.): 70 Diameter (in.): 4
NYTMN (km.): 4714.368 NYTME (km.): 593.843 Building: RESIN

Emission Point: 00370
Height (ft.): 70 Diameter (in.): 8
NYTMN (km.): 4714.371 NYTME (km.): 593.839 Building: RESIN

Emission Point: 00381
Height (ft.): 4 Diameter (in.): 2
NYTMN (km.): 4714.362 NYTME (km.): 593.873

Emission Point: 00401
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4714.327 NYTME (km.): 594.028

Emission Point: 00419
Height (ft.): 13 Diameter (in.): 4
NYTMN (km.): 4714.315 NYTME (km.): 593.947

Emission Point: 00437
Height (ft.): 5 Diameter (in.): 3
NYTMN (km.): 4714.343 NYTME (km.): 593.972

Emission Point: 00459
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4714.356 NYTME (km.): 594.907

Emission Point: 00460
Height (ft.): 50 Diameter (in.): 6
NYTMN (km.): 4714.35 NYTME (km.): 594.04 Building: RESIN

Emission Point: 00461
Height (ft.): 18 Diameter (in.): 2
NYTMN (km.): 4714.331 NYTME (km.): 593.88 Building: RESIN

Emission Point: 01305
Height (ft.): 20 Diameter (in.): 12
NYTMN (km.): 4714.316 NYTME (km.): 593.891

Emission Point: 01355
Height (ft.): 32 Diameter (in.): 6

NYTMN (km.): 4714.387 NYTME (km.): 593.905 Building: RESIN REAC

Emission Point: 01356
Height (ft.): 47 Diameter (in.): 6
NYTMN (km.): 4714.391 NYTME (km.): 593.9 Building: RESIN REAC

Emission Point: 01357
Height (ft.): 47 Diameter (in.): 6
NYTMN (km.): 4714.399 NYTME (km.): 593.892 Building: RESIN REAC

Emission Point: 01358
Height (ft.): 55 Diameter (in.): 6
NYTMN (km.): 4714.432 NYTME (km.): 593.89 Building: RESIN REAC

Emission Point: 01359
Height (ft.): 55 Diameter (in.): 6
NYTMN (km.): 4714.439 NYTME (km.): 593.882 Building: RESIN REAC

Emission Point: 01365
Height (ft.): 72 Diameter (in.): 10
NYTMN (km.): 4714.378 NYTME (km.): 593.845 Building: RESIN

Emission Point: 01366
Height (ft.): 65 Diameter (in.): 8
NYTMN (km.): 4714.426 NYTME (km.): 593.896 Building: RESIN REAC

Emission Point: 01378
Height (ft.): 20 Length (in.): 13 Width (in.): 8
NYTMN (km.): 4714.353 NYTME (km.): 593.843

Emission Point: 01379
Height (ft.): 11 Diameter (in.): 2
NYTMN (km.): 4713.786 NYTME (km.): 594.394

Emission Point: 01392
Height (ft.): 58 Diameter (in.): 16
NYTMN (km.): 4714.362 NYTME (km.): 593.856 Building: RESIN

Emission Point: 01395
Height (ft.): 20 Diameter (in.): 2
NYTMN (km.): 4714.313 NYTME (km.): 593.297 Building: RESIN

Emission Point: 01396
Height (ft.): 40 Diameter (in.): 18
NYTMN (km.): 4714.335 NYTME (km.): 593.875 Building: RESIN

Item 91.5:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: S-FSBLG

Emission Point: 00511

Height (ft.): 55 Diameter (in.): 7
NYTMN (km.): 4714.292 NYTME (km.): 593.829

Emission Point: 00519
Height (ft.): 55 Diameter (in.): 7
NYTMN (km.): 4714.299 NYTME (km.): 593.823 Building: SFS

Emission Point: 00520
Height (ft.): 60 Diameter (in.): 8
NYTMN (km.): 4714.297 NYTME (km.): 593.831 Building: SFS

Emission Point: 00526
Height (ft.): 55 Diameter (in.): 7
NYTMN (km.): 4714.301 NYTME (km.): 593.818 Building: SFS

Emission Point: 00531
Height (ft.): 55 Diameter (in.): 7
NYTMN (km.): 4714.308 NYTME (km.): 593.808 Building: SFS

Emission Point: 00534
Height (ft.): 70 Diameter (in.): 8
NYTMN (km.): 4714.308 NYTME (km.): 593.818 Building: SFS

Emission Point: 00539
Height (ft.): 60 Diameter (in.): 7
NYTMN (km.): 4714.313 NYTME (km.): 593.809 Building: SFS

Emission Point: 00540
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.289 NYTME (km.): 593.807 Building: SFS

Emission Point: 00541
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.286 NYTME (km.): 593.811 Building: SFS

Emission Point: 00542
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.288 NYTME (km.): 593.807 Building: SFS

Emission Point: 00543
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.291 NYTME (km.): 593.805 Building: SFS

Emission Point: 00544
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.294 NYTME (km.): 593.802 Building: SFS

Emission Point: 00546
Height (ft.): 82 Diameter (in.): 16
NYTMN (km.): 4714.319 NYTME (km.): 593.808 Building: SFS

Emission Point: 00553

Height (ft.): 82 Diameter (in.): 7
NYTMN (km.): 4714.317 NYTME (km.): 593.804 Building: SFS

Emission Point: 00555
Height (ft.): 65 Diameter (in.): 24
NYTMN (km.): 4714.317 NYTME (km.): 593.799 Building: SFS

Emission Point: 00560
Height (ft.): 83 Diameter (in.): 18
NYTMN (km.): 4714.318 NYTME (km.): 593.792 Building: SFS

Emission Point: 00561
Height (ft.): 65 Diameter (in.): 6
NYTMN (km.): 4714.333 NYTME (km.): 593.782 Building: SFS

Emission Point: 00567
Height (ft.): 43 Diameter (in.): 8
NYTMN (km.): 4714.017 NYTME (km.): 593.756

Emission Point: 00568
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.302 NYTME (km.): 593.797 Building: SFS

Emission Point: 00569
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.304 NYTME (km.): 593.799 Building: SFS

Emission Point: 00570
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.302 NYTME (km.): 593.793 Building: SFS

Emission Point: 00571
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.303 NYTME (km.): 593.792 Building: SFS

Emission Point: 00572
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.307 NYTME (km.): 593.788 Building: SFS

Emission Point: 00573
Height (ft.): 39 Length (in.): 27 Width (in.): 24
NYTMN (km.): 4717.652 NYTME (km.): 593.764 Building: SFS

Emission Point: 00575
Height (ft.): 65 Diameter (in.): 8
NYTMN (km.): 4714.313 NYTME (km.): 593.784 Building: SFS

Emission Point: 00576
Height (ft.): 62 Diameter (in.): 4
NYTMN (km.): 4714.316 NYTME (km.): 593.781 Building: SFS

Emission Point: 00577

Height (ft.): 62 Diameter (in.): 4
NYTMN (km.): 4714.321 NYTME (km.): 593.775 Building: SFS

Emission Point: 00578
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.311 NYTME (km.): 593.783 Building: SFS

Emission Point: 00579
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.313 NYTME (km.): 593.781 Building: SFS

Emission Point: 00580
Height (ft.): 77 Diameter (in.): 10
NYTMN (km.): 4714.2 NYTME (km.): 593.78 Building: SFS

Emission Point: 00581
Height (ft.): 77 Diameter (in.): 11
NYTMN (km.): 4714.319 NYTME (km.): 593.799 Building: SFS

Emission Point: 00582
Height (ft.): 77 Diameter (in.): 8
NYTMN (km.): 4714.322 NYTME (km.): 593.795 Building: SFS

Emission Point: 00583
Height (ft.): 77 Diameter (in.): 10
NYTMN (km.): 4714.326 NYTME (km.): 593.792 Building: SFS

Emission Point: 00597
Height (ft.): 25 Diameter (in.): 6
NYTMN (km.): 4714.236 NYTME (km.): 593.832

Emission Point: 00603
Height (ft.): 10 Diameter (in.): 7
NYTMN (km.): 4714.196 NYTME (km.): 593.778

Emission Point: 00606
Height (ft.): 10 Diameter (in.): 9
NYTMN (km.): 4714.212 NYTME (km.): 593.769

Emission Point: 00610
Height (ft.): 10 Diameter (in.): 8
NYTMN (km.): 4714.23 NYTME (km.): 593.752

Emission Point: 01500
Height (ft.): 72 Diameter (in.): 8
NYTMN (km.): 4714.337 NYTME (km.): 593.776 Building: SFS

Emission Point: 01501
Height (ft.): 72 Diameter (in.): 8
NYTMN (km.): 4714.341 NYTME (km.): 593.771 Building: SFS

Emission Point: 01502

Height (ft.): 72 Diameter (in.): 8
NYTMN (km.): 4714.345 NYTME (km.): 593.768 Building: SFS

Emission Point: 01503
Height (ft.): 72 Diameter (in.): 8
NYTMN (km.): 4714.349 NYTME (km.): 593.76 Building: SFS

Emission Point: 01504
Height (ft.): 72 Diameter (in.): 10
NYTMN (km.): 4714.356 NYTME (km.): 593.762 Building: SFS

Emission Point: 01505
Height (ft.): 92 Diameter (in.): 12
NYTMN (km.): 4714.339 NYTME (km.): 593.777 Building: SFS

Emission Point: 01506
Height (ft.): 72 Diameter (in.): 12
NYTMN (km.): 4714.343 NYTME (km.): 593.773 Building: SFS

Emission Point: 01507
Height (ft.): 72 Diameter (in.): 12
NYTMN (km.): 4714.348 NYTME (km.): 593.771 Building: SFS

Emission Point: 01508
Height (ft.): 72 Diameter (in.): 12
NYTMN (km.): 4714.349 NYTME (km.): 593.762 Building: SFS

Emission Point: 01509
Height (ft.): 72 Diameter (in.): 10
NYTMN (km.): 4714.357 NYTME (km.): 593.761 Building: SFS

Emission Point: 01511
Height (ft.): 72 Diameter (in.): 10
NYTMN (km.): 4714.356 NYTME (km.): 593.761 Building: SFS

Emission Point: 01517
Height (ft.): 82 Diameter (in.): 8
NYTMN (km.): 4714.344 NYTME (km.): 593.775 Building: SFS

Emission Point: 01518
Height (ft.): 82 Diameter (in.): 8
NYTMN (km.): 4714.351 NYTME (km.): 593.767 Building: SFS

Emission Point: 01519
Height (ft.): 82 Diameter (in.): 12
NYTMN (km.): 4714.354 NYTME (km.): 593.758 Building: SFS

Emission Point: 01520
Height (ft.): 72 Diameter (in.): 8
NYTMN (km.): 4714.3 NYTME (km.): 593.828 Building: SFS

Emission Point: 01521

Height (ft.): 77 Diameter (in.): 4
NYTMN (km.): 4714.323 NYTME (km.): 593.799 Building: SFS

Emission Point: 01522
Height (ft.): 77 Diameter (in.): 4
NYTMN (km.): 4714.326 NYTME (km.): 593.794 Building: SFS

Emission Point: 01525
Height (ft.): 77 Diameter (in.): 5
NYTMN (km.): 4714.331 NYTME (km.): 593.795 Building: SFS

Emission Point: 01527
Height (ft.): 24 Diameter (in.): 4
NYTMN (km.): 4714.264 NYTME (km.): 593.767 Building: SFS

Emission Point: 01528
Height (ft.): 80 Diameter (in.): 8
NYTMN (km.): 4714.344 NYTME (km.): 593.786 Building: SFS

Emission Point: 01530
Height (ft.): 82 Diameter (in.): 10
NYTMN (km.): 4714.33 NYTME (km.): 593.79 Building: SFS

Emission Point: 01531
Height (ft.): 63 Diameter (in.): 6
NYTMN (km.): 4714.32 NYTME (km.): 593.801 Building: SFS

Emission Point: 01532
Height (ft.): 65 Diameter (in.): 6
NYTMN (km.): 4714.32 NYTME (km.): 593.798 Building: SFS

Emission Point: 01533
Height (ft.): 65 Diameter (in.): 6
NYTMN (km.): 4714.318 NYTME (km.): 593.8 Building: SFS

Emission Point: 01534
Height (ft.): 15 Diameter (in.): 10
NYTMN (km.): 4714.306 NYTME (km.): 593.821 Building: SFS

Emission Point: 01535
Height (ft.): 77 Diameter (in.): 8
NYTMN (km.): 4714.355 NYTME (km.): 593.764 Building: SFS

Emission Point: 01537
Height (ft.): 60 Diameter (in.): 8
NYTMN (km.): 4714.299 NYTME (km.): 593.802 Building: SFS

Emission Point: 01543
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.335 NYTME (km.): 593.755 Building: SFS

Emission Point: 01544

Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.336 NYTME (km.): 593.754 Building: SFS

Emission Point: 01549
Height (ft.): 65 Diameter (in.): 4
NYTMN (km.): 4714.342 NYTME (km.): 593.749 Building: SFS

Emission Point: 01550
Height (ft.): 49 Diameter (in.): 6
NYTMN (km.): 4714.311 NYTME (km.): 593.806 Building: SFS

Emission Point: 01551
Height (ft.): 49 Diameter (in.): 6
NYTMN (km.): 4714.312 NYTME (km.): 593.807 Building: SFS

Emission Point: 01552
Height (ft.): 51 Diameter (in.): 6
NYTMN (km.): 4714.307 NYTME (km.): 593.811 Building: SFS

Emission Point: 01553
Height (ft.): 22 Diameter (in.): 4
NYTMN (km.): 4714.266 NYTME (km.): 593.766 Building: SFS

Emission Point: 01555
Height (ft.): 39 Diameter (in.): 10
NYTMN (km.): 4714.321 NYTME (km.): 593.756 Building: SFS

Emission Point: 01571
Height (ft.): 20 Diameter (in.): 3
NYTMN (km.): 4714.276 NYTME (km.): 593.874

Emission Point: 01572
Height (ft.): 25 Diameter (in.): 4
NYTMN (km.): 4714.272 NYTME (km.): 593.869

Emission Point: 01583
Height (ft.): 54 Diameter (in.): 6
NYTMN (km.): 4714.289 NYTME (km.): 593.842 Building: SFS

Emission Point: 01584
Height (ft.): 55 Diameter (in.): 24
NYTMN (km.): 4714.292 NYTME (km.): 593.838 Building: SFS

Emission Point: 01586
Height (ft.): 72 Diameter (in.): 8
NYTMN (km.): 4714.326 NYTME (km.): 593.776 Building: SFS

Emission Point: 01587
Height (ft.): 72 Diameter (in.): 8
NYTMN (km.): 4714.323 NYTME (km.): 593.778 Building: SFS

Emission Point: 01588

Height (ft.): 57 Diameter (in.): 6
NYTMN (km.): 4714.325 NYTME (km.): 593.783 Building: SFS

Emission Point: 01591
Height (ft.): 72 Diameter (in.): 11
NYTMN (km.): 4714.354 NYTME (km.): 593.749 Building: SFS

Emission Point: 01592
Height (ft.): 75 Length (in.): 24 Width (in.): 36
NYTMN (km.): 4714.342 NYTME (km.): 593.754 Building: SFS

Emission Point: 01593
Height (ft.): 6 Diameter (in.): 6
NYTMN (km.): 4714.267 NYTME (km.): 593.763 Building: SFS

Emission Point: 01594
Height (ft.): 6 Diameter (in.): 6
NYTMN (km.): 4714.264 NYTME (km.): 593.761 Building: SFS

Emission Point: 01595
Height (ft.): 75 Diameter (in.): 8
NYTMN (km.): 4714.307 NYTME (km.): 593.814 Building: SFS

Emission Point: 01596
Height (ft.): 70 Diameter (in.): 8
NYTMN (km.): 4714.31 NYTME (km.): 593.812 Building: SFS

Emission Point: 01597
Height (ft.): 39 Diameter (in.): 10
NYTMN (km.): 4714.311 NYTME (km.): 593.766 Building: SFS

Emission Point: 01598
Height (ft.): 87 Length (in.): 4 Width (in.): 6
NYTMN (km.): 4714.318 NYTME (km.): 593.804 Building: SFS

Emission Point: 01599
Height (ft.): 77 Diameter (in.): 5
NYTMN (km.): 4714.328 NYTME (km.): 593.794 Building: SFS

Emission Point: 02500
Height (ft.): 63 Diameter (in.): 4
NYTMN (km.): 4714.34 NYTME (km.): 593.752 Building: SFS

Emission Point: 02512
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.338 NYTME (km.): 593.751 Building: SFS

Emission Point: 02513
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.341 NYTME (km.): 593.749 Building: SFS

Emission Point: 02514

Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.342 NYTME (km.): 593.747 Building: SFS

Emission Point: 02517
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.316 NYTME (km.): 593.777 Building: SFS

Emission Point: 02521
Height (ft.): 17 Diameter (in.): 8
NYTMN (km.): 4714.269 NYTME (km.): 593.762 Building: SFS

Emission Point: 02523
Height (ft.): 63 Diameter (in.): 6
NYTMN (km.): 4714.344 NYTME (km.): 593.748 Building: SFS

Emission Point: 02526
Height (ft.): 68 Diameter (in.): 12
NYTMN (km.): 4714.35 NYTME (km.): 593.764 Building: SFS

Emission Point: 02527
Height (ft.): 68 Diameter (in.): 12
NYTMN (km.): 4714.351 NYTME (km.): 593.769 Building: SFS

Emission Point: 02532
Height (ft.): 72 Diameter (in.): 10
NYTMN (km.): 4714.347 NYTME (km.): 593.768 Building: SFS

Emission Point: 02533
Height (ft.): 50 Diameter (in.): 14
NYTMN (km.): 4714.294 NYTME (km.): 593.831 Building: SFS

Emission Point: 02537
Height (ft.): 65 Diameter (in.): 10
NYTMN (km.): 4714.353 NYTME (km.): 593.761 Building: SFS

Emission Point: 02538
Height (ft.): 65 Diameter (in.): 10
NYTMN (km.): 4714.359 NYTME (km.): 593.757 Building: SFS

Emission Point: 02540
Height (ft.): 53 Diameter (in.): 10
NYTMN (km.): 4714.296 NYTME (km.): 593.826 Building: SFS

Emission Point: 02541
Height (ft.): 72 Diameter (in.): 10
NYTMN (km.): 4714.359 NYTME (km.): 593.755 Building: SFS

Emission Point: 02542
Height (ft.): 72 Diameter (in.): 10
NYTMN (km.): 4714.358 NYTME (km.): 593.756 Building: SFS

Emission Point: 02543

Height (ft.): 70 Diameter (in.): 10
NYTMN (km.): 4714.357 NYTME (km.): 593.754 Building: SFS

Emission Point: 02544
Height (ft.): 70 Diameter (in.): 16
NYTMN (km.): 4714.354 NYTME (km.): 593.755 Building: SFS

Emission Point: 02545
Height (ft.): 10 Diameter (in.): 10
NYTMN (km.): 4714.263 NYTME (km.): 593.758

Emission Point: 02546
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.344 NYTME (km.): 593.742 Building: SFS

Emission Point: 02547
Height (ft.): 30 Diameter (in.): 10
NYTMN (km.): 4714.28 NYTME (km.): 593.819 Building: SFS

Emission Point: 02550
Height (ft.): 82 Diameter (in.): 4
NYTMN (km.): 4714.312 NYTME (km.): 593.798 Building: SFS

Emission Point: 02551
Height (ft.): 87 Diameter (in.): 6
NYTMN (km.): 4714.314 NYTME (km.): 593.796 Building: SFS

Emission Point: 02552
Height (ft.): 87 Diameter (in.): 6
NYTMN (km.): 4714.316 NYTME (km.): 593.794 Building: SFS

Emission Point: 02581
Height (ft.): 18 Diameter (in.): 42
NYTMN (km.): 4714.234 NYTME (km.): 593.877 Building: SFS

Emission Point: 02582
Height (ft.): 18 Diameter (in.): 42
NYTMN (km.): 4714.237 NYTME (km.): 593.881

Emission Point: 02583
Height (ft.): 18 Diameter (in.): 42
NYTMN (km.): 4714.242 NYTME (km.): 593.884

Emission Point: 02584
Height (ft.): 18 Diameter (in.): 42
NYTMN (km.): 4714.246 NYTME (km.): 593.888

Emission Point: 02585
Height (ft.): 18 Diameter (in.): 42
NYTMN (km.): 4714.25 NYTME (km.): 593.891

Emission Point: 02586

Height (ft.): 18 Diameter (in.): 42
NYTMN (km.): 4714.254 NYTME (km.): 593.895

Emission Point: 02587
Height (ft.): 62 Diameter (in.): 6
NYTMN (km.): 4714.292 NYTME (km.): 593.834 Building: SFS

Emission Point: 02588
Height (ft.): 62 Diameter (in.): 10
NYTMN (km.): 4714.288 NYTME (km.): 593.831 Building: SFS

Emission Point: 02589
Height (ft.): 38 Diameter (in.): 10
NYTMN (km.): 4714.298 NYTME (km.): 593.836 Building: SFS

Emission Point: 02590
Height (ft.): 44 Diameter (in.): 10
NYTMN (km.): 4714.295 NYTME (km.): 593.84 Building: SFS

Emission Point: 02591
Height (ft.): 45 Diameter (in.): 10
NYTMN (km.): 4714.284 NYTME (km.): 593.813 Building: SFS

Emission Point: 02592
Height (ft.): 72 Diameter (in.): 12
NYTMN (km.): 4714.224 NYTME (km.): 593.733 Building: SFS

Emission Point: 02593
Height (ft.): 36 Diameter (in.): 18
NYTMN (km.): 4714.204 NYTME (km.): 593.844

Emission Point: 02596
Height (ft.): 36 Diameter (in.): 4
NYTMN (km.): 4714.309 NYTME (km.): 593.737 Building: SFS

Emission Point: 02600
Height (ft.): 15 Diameter (in.): 12
NYTMN (km.): 4714.351 NYTME (km.): 593.664

Emission Point: 02601
Height (ft.): 15 Diameter (in.): 12
NYTMN (km.): 4714.348 NYTME (km.): 593.669

Emission Point: 02602
Height (ft.): 78 Diameter (in.): 12
NYTMN (km.): 4714.379 NYTME (km.): 593.673 Building: SFS

Emission Point: 02603
Height (ft.): 70 Diameter (in.): 6
NYTMN (km.): 4714.346 NYTME (km.): 593.699 Building: SFS

Emission Point: 02604

Height (ft.): 78 Diameter (in.): 18
NYTMN (km.): 4714.376 NYTME (km.): 593.678 Building: SFS

Emission Point: 02605
Height (ft.): 70 Diameter (in.): 8
NYTMN (km.): 4714.361 NYTME (km.): 593.688 Building: SFS

Emission Point: 02607
Height (ft.): 58 Diameter (in.): 3
NYTMN (km.): 4714.341 NYTME (km.): 593.703 Building: SFS

Emission Point: 02608
Height (ft.): 58 Diameter (in.): 3
NYTMN (km.): 4714.348 NYTME (km.): 593.695 Building: SFS

Emission Point: 02609
Height (ft.): 58 Diameter (in.): 3
NYTMN (km.): 4714.383 NYTME (km.): 593.668 Building: SFS

Emission Point: 02611
Height (ft.): 58 Diameter (in.): 10
NYTMN (km.): 4714.343 NYTME (km.): 593.7 Building: SFS

Emission Point: 02613
Height (ft.): 30 Diameter (in.): 3
NYTMN (km.): 4714.354 NYTME (km.): 593.683 Building: SFS

Emission Point: 02614
Height (ft.): 30 Diameter (in.): 3
NYTMN (km.): 4714.369 NYTME (km.): 593.674 Building: SFS

Emission Point: 02615
Height (ft.): 30 Diameter (in.): 3
NYTMN (km.): 4714.351 NYTME (km.): 593.687 Building: SFS

Emission Point: 02616
Height (ft.): 58 Diameter (in.): 8
NYTMN (km.): 4714.358 NYTME (km.): 593.686 Building: SFS

Emission Point: 02617
Height (ft.): 16 Length (in.): 23 Width (in.): 19
NYTMN (km.): 4714.347 NYTME (km.): 593.66

Emission Point: 02618
Height (ft.): 58 Diameter (in.): 3
NYTMN (km.): 4714.371 NYTME (km.): 593.673 Building: SFS

Emission Point: 02619
Height (ft.): 7 Diameter (in.): 2
NYTMN (km.): 4714.344 NYTME (km.): 593.686 Building: SFS

Emission Point: 02702

Height (ft.): 75 Diameter (in.): 7
NYTMN (km.): 4714.351 NYTME (km.): 593.759 Building: SFS

Emission Point: 02704
Height (ft.): 66 Diameter (in.): 6
NYTMN (km.): 4714.313 NYTME (km.): 593.789 Building: SFS

Emission Point: 02705
Height (ft.): 66 Diameter (in.): 6
NYTMN (km.): 4714.339 NYTME (km.): 593.753 Building: SFS

Emission Point: 02706
Height (ft.): 35 Diameter (in.): 6
NYTMN (km.): 4714.3 NYTME (km.): 593.776 Building: SFS

Emission Point: 02707
Height (ft.): 35 Diameter (in.): 6
NYTMN (km.): 4714.326 NYTME (km.): 593.746 Building: SFS

Emission Point: 02708
Height (ft.): 35 Diameter (in.): 14
NYTMN (km.): 4714.367 NYTME (km.): 593.762 Building: SFS

Emission Point: 02709
Height (ft.): 77 Diameter (in.): 10
NYTMN (km.): 4714.323 NYTME (km.): 593.79 Building: SFS

Emission Point: 02710
Height (ft.): 30 Diameter (in.): 3
NYTMN (km.): 4714.281 NYTME (km.): 593.873

Emission Point: 02711
Height (ft.): 36 Diameter (in.): 6
NYTMN (km.): 4714.316 NYTME (km.): 593.741 Building: SFS

Emission Point: 02712
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.296 NYTME (km.): 593.838 Building: SFS

Emission Point: 02713
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.34 NYTME (km.): 593.75 Building: SFS

Emission Point: 02714
Height (ft.): 38 Diameter (in.): 12
NYTMN (km.): 4714.302 NYTME (km.): 593.832 Building: SFS

Emission Point: 02715
Height (ft.): 38 Diameter (in.): 12
NYTMN (km.): 4714.309 NYTME (km.): 593.824 Building: SFS

Emission Point: 02716

Height (ft.): 30 Diameter (in.): 12
NYTMN (km.): 4714.361 NYTME (km.): 593.764 Building: SFS

Emission Point: 02717
Height (ft.): 40 Diameter (in.): 12
NYTMN (km.): 4714.363 NYTME (km.): 593.761 Building: SFS

Emission Point: 02718
Height (ft.): 53 Diameter (in.): 8
NYTMN (km.): 4714.302 NYTME (km.): 593.821 Building: SFS

Emission Point: 02719
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.338 NYTME (km.): 593.752 Building: SFS

Emission Point: 02720
Height (ft.): 70 Diameter (in.): 10
NYTMN (km.): 4714.304 NYTME (km.): 593.816 Building: SFS

Emission Point: 02721
Height (ft.): 77 Diameter (in.): 12
NYTMN (km.): 4714.31 NYTME (km.): 593.805 Building: SFS

Emission Point: 02722
Height (ft.): 77 Diameter (in.): 12
NYTMN (km.): 4714.319 NYTME (km.): 593.803 Building: SFS

Emission Point: 02725
Height (ft.): 87 Diameter (in.): 12
NYTMN (km.): 4714.326 NYTME (km.): 593.79 Building: SFS

Emission Point: 02726
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.342 NYTME (km.): 593.747 Building: SFS

Emission Point: 02727
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.344 NYTME (km.): 593.743 Building: SFS

Emission Point: 02728
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.289 NYTME (km.): 593.808 Building: SFS

Emission Point: 02729
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.286 NYTME (km.): 593.812 Building: SFS

Emission Point: 02730
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.287 NYTME (km.): 593.81 Building: SFS

Emission Point: 02731

Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.291 NYTME (km.): 593.806 Building: SFS

Emission Point: 02732
Height (ft.): 40 Diameter (in.): 10
NYTMN (km.): 4714.294 NYTME (km.): 593.802 Building: SFS

Emission Point: 02733
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.301 NYTME (km.): 593.797 Building: SFS

Emission Point: 02734
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.303 NYTME (km.): 593.799 Building: SFS

Emission Point: 02735
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.302 NYTME (km.): 593.793 Building: SFS

Emission Point: 02736
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.303 NYTME (km.): 593.792 Building: SFS

Emission Point: 02737
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.306 NYTME (km.): 593.788 Building: SFS

Emission Point: 02738
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.31 NYTME (km.): 593.783 Building: SFS

Emission Point: 02739
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.312 NYTME (km.): 593.781 Building: SFS

Emission Point: 02740
Height (ft.): 52 Diameter (in.): 10
NYTMN (km.): 4714.315 NYTME (km.): 593.778 Building: SFS

Emission Point: 02741
Height (ft.): 70 Diameter (in.): 10
NYTMN (km.): 4714.303 NYTME (km.): 593.815 Building: SFS

Emission Point: 02742
Height (ft.): 92 Diameter (in.): 12
NYTMN (km.): 4714.34 NYTME (km.): 593.777 Building: SFS

Emission Point: 02743
Height (ft.): 77 Diameter (in.): 10
NYTMN (km.): 4714.337 NYTME (km.): 593.779 Building: SFS

Emission Point: 02744

Height (ft.): 68 Diameter (in.): 12
NYTMN (km.): 4714.34 NYTME (km.): 593.775 Building: SFS

Emission Point: 02745
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.335 NYTME (km.): 593.755 Building: SFS

Emission Point: 02746
Height (ft.): 67 Diameter (in.): 12
NYTMN (km.): 4714.345 NYTME (km.): 593.771 Building: SFS

Emission Point: 02747
Height (ft.): 68 Diameter (in.): 12
NYTMN (km.): 4714.343 NYTME (km.): 593.769 Building: SFS

Emission Point: 02748
Height (ft.): 50 Diameter (in.): 10
NYTMN (km.): 4714.336 NYTME (km.): 593.754 Building: SFS

Emission Point: 02749
Height (ft.): 36 Diameter (in.): 6
NYTMN (km.): 4714.314 NYTME (km.): 593.743 Building: SFS

Emission Point: 02750
Height (ft.): 36 Diameter (in.): 6
NYTMN (km.): 4714.312 NYTME (km.): 593.745 Building: SFS

Emission Point: 02751
Height (ft.): 45 Diameter (in.): 12
NYTMN (km.): 4714.32 NYTME (km.): 593.811 Building: SFS

Emission Point: 02752
Height (ft.): 45 Diameter (in.): 12
NYTMN (km.): 4714.323 NYTME (km.): 593.808 Building: SFS

Emission Point: 02754
Height (ft.): 38 Diameter (in.): 12
NYTMN (km.): 4714.336 NYTME (km.): 593.792 Building: SFS

Emission Point: 02756
Height (ft.): 20 Diameter (in.): 3
NYTMN (km.): 4714.28 NYTME (km.): 593.878

Emission Point: 02758
Height (ft.): 33 Diameter (in.): 3
NYTMN (km.): 4714.308 NYTME (km.): 593.784 Building: SFS

Emission Point: 02759
Height (ft.): 33 Diameter (in.): 3
NYTMN (km.): 4714.312 NYTME (km.): 593.778 Building: SFS

Emission Point: 02763

Height (ft.): 41 Diameter (in.): 8
NYTMN (km.): 4714.296 NYTME (km.): 593.799 Building: SFS

Emission Point: 02764
Height (ft.): 10 Diameter (in.): 4
NYTMN (km.): 4714.335 NYTME (km.): 593.75 Building: SFS

Emission Point: 02765
Height (ft.): 10 Diameter (in.): 4
NYTMN (km.): 4714.34 NYTME (km.): 593.744 Building: SFS

Emission Point: 02768
Height (ft.): 77 Diameter (in.): 8
NYTMN (km.): 4714.332 NYTME (km.): 593.79 Building: SFS

Emission Point: 02769
Height (ft.): 69 Diameter (in.): 6
NYTMN (km.): 4714.329 NYTME (km.): 593.788 Building: SFS

Emission Point: 02770
Height (ft.): 20 Diameter (in.): 6
NYTMN (km.): 4714.272 NYTME (km.): 593.758

Emission Point: 02771
Height (ft.): 8 Diameter (in.): 6
NYTMN (km.): 4714.261 NYTME (km.): 593.755

Emission Point: 02772
Height (ft.): 92 Diameter (in.): 10
NYTMN (km.): 4717.287 NYTME (km.): 593.815 Building: SFS

Emission Point: 02773
Height (ft.): 92 Diameter (in.): 10
NYTMN (km.): 4717.268 NYTME (km.): 593.811 Building: SFS

Emission Point: 02774
Height (ft.): 63 Diameter (in.): 8
NYTMN (km.): 4717.223 NYTME (km.): 593.839 Building: SFS

Emission Point: 02775
Height (ft.): 83 Diameter (in.): 10
NYTMN (km.): 4717.31 NYTME (km.): 593.818 Building: SFS

Emission Point: 02776
Height (ft.): 78 Diameter (in.): 10
NYTMN (km.): 4717.298 NYTME (km.): 593.838 Building: SFS

Emission Point: 02777
Height (ft.): 79 Diameter (in.): 10
NYTMN (km.): 4717.298 NYTME (km.): 593.838 Building: SFS

Emission Point: 02778

Height (ft.): 51 Diameter (in.): 10
NYTMN (km.): 4717.323 NYTME (km.): 593.733 Building: SFS

Emission Point: 02779
Height (ft.): 55 Diameter (in.): 10
NYTMN (km.): 4717.331 NYTME (km.): 593.734 Building: SFS

Emission Point: 02780
Height (ft.): 55 Diameter (in.): 10
NYTMN (km.): 4717.331 NYTME (km.): 593.734 Building: SFS

Emission Point: 02782
Height (ft.): 72 Diameter (in.): 6
NYTMN (km.): 4717.268 NYTME (km.): 593.808 Building: SFS

Emission Point: 02783
Height (ft.): 66 Diameter (in.): 16
NYTMN (km.): 4717.281 NYTME (km.): 593.809 Building: SFS

Emission Point: 02784
Height (ft.): 115 Diameter (in.): 5
NYTMN (km.): 4717.261 NYTME (km.): 593.825 Building: SFS

Emission Point: 02785
Height (ft.): 115 Diameter (in.): 5
NYTMN (km.): 4717.265 NYTME (km.): 593.819 Building: SFS

Emission Point: 02786
Height (ft.): 121 Diameter (in.): 10
NYTMN (km.): 4714.18 NYTME (km.): 593.801 Building: SFS

Emission Point: 02787
Height (ft.): 96 Diameter (in.): 10
NYTMN (km.): 4714.321 NYTME (km.): 593.815 Building: SFS

Emission Point: 02788
Height (ft.): 94 Diameter (in.): 2
NYTMN (km.): 4714.326 NYTME (km.): 593.801 Building: SFS

Emission Point: 02789
Height (ft.): 94 Diameter (in.): 2
NYTMN (km.): 4714.326 NYTME (km.): 593.801 Building: SFS

Emission Point: 02790
Height (ft.): 130 Diameter (in.): 12
NYTMN (km.): 4714.296 NYTME (km.): 593.819 Building: SFS

Emission Point: 02791
Height (ft.): 130 Diameter (in.): 12
NYTMN (km.): 4714.296 NYTME (km.): 593.819 Building: SFS

Emission Point: 02792

Height (ft.): 80 Diameter (in.): 8
NYTMN (km.): 4714.304 NYTME (km.): 593.823 Building: SFS

Emission Point: 02793
Height (ft.): 2 Diameter (in.): 6
NYTMN (km.): 4714.202 NYTME (km.): 593.771 Building: SFS

Emission Point: 02794
Height (ft.): 121 Diameter (in.): 10
NYTMN (km.): 4714.303 NYTME (km.): 593.731 Building: SFS

Emission Point: 02796
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4714.298 NYTME (km.): 593.741 Building: SFS

Emission Point: 02797
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4714.302 NYTME (km.): 593.743 Building: SFS

Emission Point: 02798
Height (ft.): 36 Diameter (in.): 2
NYTMN (km.): 4714.297 NYTME (km.): 593.745 Building: SFS

Emission Point: 02799
Height (ft.): 28 Diameter (in.): 3
NYTMN (km.): 4714.336 NYTME (km.): 593.695 Building: SFS

Emission Point: 02800
Height (ft.): 28 Diameter (in.): 3
NYTMN (km.): 4714.336 NYTME (km.): 593.695 Building: SFS

Emission Point: 02801
Height (ft.): 35 Length (in.): 8 Width (in.): 3
NYTMN (km.): 4714.44 NYTME (km.): 593.712 Building: SFS

Emission Point: 02802
Height (ft.): 35 Length (in.): 8 Width (in.): 3
NYTMN (km.): 4714.449 NYTME (km.): 593.745 Building: SFS

Emission Point: 02803
Height (ft.): 60 Diameter (in.): 36
NYTMN (km.): 4714.358 NYTME (km.): 593.685 Building: SFS

Item 91.6:
The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: W-TAREA

Emission Point: 00709
Height (ft.): 15 Diameter (in.): 2
NYTMN (km.): 4714.162 NYTME (km.): 594.204

Emission Point: 00717
Height (ft.): 20 Diameter (in.): 24
NYTMN (km.): 4714.28 NYTME (km.): 594.168

Emission Point: 00718
Height (ft.): 20 Diameter (in.): 24
NYTMN (km.): 4714.277 NYTME (km.): 594.172

Emission Point: 00727
Height (ft.): 4 Diameter (in.): 4
NYTMN (km.): 4714.324 NYTME (km.): 593.79

Condition 92: Process Definition By Emission Unit
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR Subpart 201-6

Item 92.1:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: AFE Source Classification Code: 3-01-888-05
Process Description:
LDAR (Leak Detection and Repair) , Process wastewater, maintenance wastewater and heat exchanger systems.

Emission Source/Control: ALDAR - Process

Emission Source/Control: APHES - Process

Emission Source/Control: APMWW - Process

Emission Source/Control: APPWW - Process

Item 92.2:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: AMP Source Classification Code: 3-01-018-99
Process Description: AP Miscellaneous process vents.

Emission Source/Control: C1247 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 01247 - Process

Item 92.3:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: APV Source Classification Code: 3-01-018-91
Process Description: Process sources.

Emission Source/Control: C0284 - Control
Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: 01212 - Process

Item 92.4:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: ARV Source Classification Code: 3-01-999-98
Process Description: AP Reactor Regeneration Vents

Emission Source/Control: 00295 - Process

Emission Source/Control: 01208 - Process

Emission Source/Control: 01209 - Process

Emission Source/Control: 01235 - Process

Item 92.5:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: ASH Source Classification Code: 3-01-018-90
Process Description: AP catalyst building.

Emission Source/Control: C1236 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 01236 - Process

Emission Source/Control: 01240 - Process

Emission Source/Control: 01241 - Process

Item 92.6:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: AT1 Source Classification Code: 3-01-018-99
Process Description:
Emissions from VOL (Volatile Organic Liquid) RACT (Reasonable Available Control Technology) tanks less than 20,000 gallons.

Emission Source/Control: 01268 - Process

Item 92.7:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: AT2 Source Classification Code: 3-01-018-99
Process Description: Hot Oil Expansion Tank

Emission Source/Control: 01266 - Process

Item 92.8:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: AT3 Source Classification Code: 3-01-018-94
Process Description: Recycle methanol tank.

Emission Source/Control: C0282 - Control
Control Type: SPRAY TOWER

Emission Source/Control: M305B - Process

Emission Source/Control: MF102 - Process

Item 92.9:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: AT4 Source Classification Code: 3-01-018-94
Process Description: Methanol storage tank MF-150.

Emission Source/Control: C0282 - Control
Control Type: SPRAY TOWER

Emission Source/Control: MF150 - Process

Item 92.10:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: AT5 Source Classification Code: 3-01-018-99
Process Description:
HON (Hazardous Organic NESHAP (National Emission Standards Hazardous Air Pollutants)) Group 2 storage vessels.

Emission Source/Control: C1252 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: M305B - Process

Item 92.11:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA

Process: AT6 Source Classification Code: 4-07-084-98
Process Description: AP Tank Farm tanks vented to AS-2290

Emission Source/Control: M1201 - Process

Emission Source/Control: M149A - Process

Emission Source/Control: M2201 - Process

Emission Source/Control: M305A - Process

Emission Source/Control: M415B - Process

Emission Source/Control: MF101 - Process

Emission Source/Control: MF147 - Process

Emission Source/Control: MF148 - Process

Emission Source/Control: MF203 - Process

Emission Source/Control: MF204 - Process

Emission Source/Control: MF241 - Process

Emission Source/Control: MF244 - Process

Emission Source/Control: MF407 - Process

Emission Source/Control: MS223 - Process

Emission Source/Control: RM701 - Process

Item 92.12:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: A-PAREA
Process: HOF Source Classification Code: 3-99-900-04
Process Description:
AP Process 212 VOC(Volatile Organic Compounds) / NOx RACT (Reasonable Available Control Technology)

Emission Source/Control: C0284 - Control
Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: 00284 - Process

Item 92.13:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-XPRSS

Process: CBT Source Classification Code: 3-01-018-17
Process Description:
Operation of Sand Bath used to clean die plates and similiar equipment in Color Express.

Emission Source/Control: C5007 - Control
Control Type: CENTRIFUGAL

Emission Source/Control: CBATH - Process
Design Capacity: 277,000 British thermal units per hour

Item 92.14:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: C-XPRSS
Process: CXP Source Classification Code: 3-01-018-99
Process Description: COLORXPRESS processes.

Emission Source/Control: C5000 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C5004 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C5005 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 05000 - Process

Emission Source/Control: 05004 - Process

Emission Source/Control: 05005 - Process

Item 92.15:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-IPSBG
Process: HEX Source Classification Code: 3-01-018-21
Process Description: Die hoods and slurry tank.

Emission Source/Control: C3013 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3014 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: FLTRS - Process

Emission Source/Control: MS102 - Process

Emission Source/Control: XTRUD - Process

Item 92.16:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-IPSBG
Process: HFE Source Classification Code: 3-01-888-05
Process Description:
LDAR (Leak Detection and Repair), process wastewater, maintenance wastewater and heat exchanger systems.

Emission Source/Control: H-HES - Process

Emission Source/Control: HLDAR - Process

Emission Source/Control: H-MWW - Process

Emission Source/Control: H-PWW - Process

Item 92.17:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-IPSBG
Process: HPV Source Classification Code: 3-01-018-17
Process Description:
DEVOL, distillation, feed preparation and extrusion.

Emission Source/Control: C3012 - Control
Control Type: DIRECT FLAME AFTERBURNER WITH HEAT EXCHANGER

Emission Source/Control: 03012 - Process

Emission Source/Control: 03041 - Process

Item 92.18:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-IPSBG
Process: HSH Source Classification Code: 3-01-018-21
Process Description: Stabilizer, vacuum cleaning system.

Emission Source/Control: 03045 - Process

Item 92.19:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-IPSBG
Process: HT2 Source Classification Code: 3-01-018-19
Process Description:
Non VOC (Volatile Organic Compounds) RACT (Reasonable Available Control Technology) tanks.

Emission Source/Control: C3022 - Control

Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3039 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 03022 - Process

Emission Source/Control: 03039 - Process
Design Capacity: 15 gallons

Item 92.20:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-IPSBG
Process: HT3 Source Classification Code: 3-01-018-99
Process Description:
VOC (Volatile Organic Compounds) RACT (Reasonable Available Control Technology) tanks.

Emission Source/Control: C3002 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3003 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3004 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3005 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3009 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3010 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3032 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C3033 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 03002 - Process

Emission Source/Control: 03003 - Process

Emission Source/Control: 03004 - Process

Emission Source/Control: 03005 - Process

Emission Source/Control: 03009 - Process

Emission Source/Control: 03010 - Process

Emission Source/Control: 03032 - Process

Emission Source/Control: 03033 - Process

Item 92.21:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: H-IPSBG
Process: HT4 Source Classification Code: 3-01-018-17
Process Description: Tanks without carbon canisters.

Emission Source/Control: 03023 - Process

Emission Source/Control: MS153 - Process

Emission Source/Control: MS154 - Process
Design Capacity: 3,000 gallons

Item 92.22:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RFE Source Classification Code: 3-01-888-01
Process Description:
This process is for Resin Plant fugitive emissions. This process ID "RFE" includes the following emission sources:
1) RLDAR for MON MACT equipment leaks (Leak Detection and Repair),
2) R-PWW for MON MACT Process Wastewater,
3) R-HES for the MON MACT Heat Exchange Systems (Areas 3 and 8 cooling tower systems), and
4) R-MWW for MON MACT Maintenance Wastewater.

Emission Source/Control: R-HES - Process

Emission Source/Control: RLDAR - Process

Emission Source/Control: R-MWW - Process

Emission Source/Control: R-PWW - Process

Item 92.23:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RPH Source Classification Code: 1-01-006-02
Process Description:
A natural gas fired hot oil furnace (a "process heater")

heats heat transfer oil to provide process heating.

Emission Source/Control: HS255 - Combustion
Design Capacity: 5 million Btu per hour

Item 92.24:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RPV Source Classification Code: 3-01-018-99
Process Description: HBR and IVS vents.

Emission Source/Control: C0341 - Control
Control Type: WET SCRUBBER

Emission Source/Control: C1366 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 00341 - Process

Emission Source/Control: 01366 - Process

Item 92.25:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RRX Source Classification Code: 3-01-018-91
Process Description: Resin reactors.

Emission Source/Control: C0312 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0313 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0314 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0343 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C0344 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: 00312 - Process

Emission Source/Control: 00313 - Process

Emission Source/Control: 00314 - Process

Emission Source/Control: 00343 - Process

Emission Source/Control: 00344 - Process

Item 92.26:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RSH Source Classification Code: 3-01-018-92
Process Description: Catalyst, mini bins, supersacking.

Emission Source/Control: C1392 - Control
Control Type: WET CYCLONIC SEPARATOR

Emission Source/Control: 00337 - Process

Emission Source/Control: 00367 - Process

Emission Source/Control: 00368 - Process

Emission Source/Control: 00369 - Process

Emission Source/Control: 00370 - Process

Emission Source/Control: 01378 - Process

Emission Source/Control: 01392 - Process

Emission Source/Control: 01395 - Process

Emission Source/Control: 01396 - Process

Item 92.27:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RT1 Source Classification Code: 3-01-018-99
Process Description:
VOL (Volatile Organic Liquid) storage RACT (Reasonable Available Control Technology) tanks.

Emission Source/Control: C1305 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 00310 - Process

Emission Source/Control: 00459 - Process

Emission Source/Control: RM607 - Process

Emission Source/Control: RM609 - Process
Design Capacity: 9,500 gallons

Item 92.28:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RT2 Source Classification Code: 3-01-018-94
Process Description:
VOC (Volatile Organic Compounds) RACT (Reasonable Available Control Technology) tanks.

Emission Source/Control: C0306 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1305 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 00306 - Process

Emission Source/Control: RM606 - Process

Item 92.29:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RT3 Source Classification Code: 3-01-018-99
Process Description:
Non RACT (Reasonable Available Control Technology) tanks.

Emission Source/Control: C0401 - Control
Control Type: VAPOR RECOVERY SYS(INCL. CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1305 - Control
Control Type: WET SCRUBBER

Emission Source/Control: 00381 - Process

Emission Source/Control: 00401 - Process

Emission Source/Control: 00419 - Process

Emission Source/Control: 00437 - Process

Emission Source/Control: RM605 - Process

Emission Source/Control: RM608 - Process

Emission Source/Control: RM612 - Process

Item 92.30:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RT4 Source Classification Code: 3-01-018-40
Process Description:
RESIN tank truck used for transfer of evaporator bottoms off-site.

Emission Source/Control: C1379 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: T1379 - Process
Design Capacity: 6,000 gallons

Item 92.31:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RT5 Source Classification Code: 4-07-146-98
Process Description:
MON MACT (40 CFR 63 Subpart FFFF) Tanks, Distillation Columns and, Area 8 Scrubber System.

Emission Source/Control: CM460 - Control
Control Type: WET SCRUBBER

Emission Source/Control: CW460 - Control
Control Type: WET SCRUBBER

Emission Source/Control: EC520 - Control
Control Type: REFRIGERATED CONDENSER

Emission Source/Control: 00417 - Process

Emission Source/Control: 00420 - Process

Emission Source/Control: 00421 - Process

Emission Source/Control: 00448 - Process

Emission Source/Control: 00449 - Process

Emission Source/Control: 01368 - Process

Emission Source/Control: 01369 - Process

Emission Source/Control: DC539 - Process

Emission Source/Control: DC550 - Process

Emission Source/Control: DC590 - Process

Emission Source/Control: MS560 - Process

Item 92.32:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RT6 Source Classification Code: 3-01-018-05
Process Description:
MON Group 1 Storage Tanks that vent to the process.

Emission Source/Control: MS110 - Process

Emission Source/Control: MS111 - Process

Emission Source/Control: MS112 - Process

Emission Source/Control: MS215 - Process

Emission Source/Control: MS410 - Process

Item 92.33:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: R-ESBLG
Process: RWS Source Classification Code: 3-01-018-91
Process Description: RESIN water scrubbers.

Emission Source/Control: C1355 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1356 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1357 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1358 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: C1359 - Control
Control Type: VAPOR RECOVERY SYS(INCL.
CONDENSERS,HOODING, OTHER ENCLOSURES)

Emission Source/Control: IVSWS - Control
Control Type: WET SCRUBBER

Emission Source/Control: 01355 - Process

Emission Source/Control: 01356 - Process

Emission Source/Control: 01357 - Process

Emission Source/Control: 01358 - Process

Emission Source/Control: 01359 - Process

Emission Source/Control: IVSMS - Process

Item 92.34:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: S-FSBLG
Process: FEX Source Classification Code: 3-01-018-99
Process Description:
Carbon beds, HEAF, thermal oxidizer, vents from extrusion and labs.

Emission Source/Control: C2581 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2582 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2583 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2584 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2585 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2586 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: C2593 - Control
Control Type: REDUCTION COMBUSTOR - AIR PREHEATING

Emission Source/Control: 02581 - Process

Emission Source/Control: 02593 - Process

Item 92.35:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: S-FSBLG
Process: FPM Source Classification Code: 3-01-018-99

Process Description:
Finishing solids handling equipment - insignificant emissions

Emission Source/Control: C2803 - Control
Control Type: SINGLE CYCLONE

Emission Source/Control: 00511 - Process

Emission Source/Control: 00519 - Process

Emission Source/Control: 00520 - Process

Emission Source/Control: 00526 - Process

Emission Source/Control: 00531 - Process

Emission Source/Control: 00534 - Process

Emission Source/Control: 00539 - Process

Emission Source/Control: 00540 - Process

Emission Source/Control: 00541 - Process

Emission Source/Control: 00542 - Process

Emission Source/Control: 00543 - Process

Emission Source/Control: 00544 - Process

Emission Source/Control: 00546 - Process

Emission Source/Control: 00553 - Process

Emission Source/Control: 00560 - Process

Emission Source/Control: 00568 - Process

Emission Source/Control: 00569 - Process

Emission Source/Control: 00570 - Process

Emission Source/Control: 00571 - Process

Emission Source/Control: 00572 - Process

Emission Source/Control: 00578 - Process

Emission Source/Control: 00579 - Process

Emission Source/Control: 00580 - Process

Emission Source/Control: 00581 - Process

Emission Source/Control: 00582 - Process

Emission Source/Control: 00583 - Process

Emission Source/Control: 00603 - Process

Emission Source/Control: 00606 - Process

Emission Source/Control: 00610 - Process

Emission Source/Control: 01500 - Process

Emission Source/Control: 01501 - Process

Emission Source/Control: 01502 - Process

Emission Source/Control: 01503 - Process

Emission Source/Control: 01504 - Process

Emission Source/Control: 01505 - Process

Emission Source/Control: 01506 - Process

Emission Source/Control: 01507 - Process

Emission Source/Control: 01508 - Process

Emission Source/Control: 01509 - Process

Emission Source/Control: 01511 - Process

Emission Source/Control: 01517 - Process

Emission Source/Control: 01518 - Process

Emission Source/Control: 01519 - Process

Emission Source/Control: 01520 - Process

Emission Source/Control: 01521 - Process

Emission Source/Control: 01522 - Process

Emission Source/Control: 01525 - Process

Emission Source/Control: 01527 - Process

Emission Source/Control: 01528 - Process

Emission Source/Control: 01530 - Process

Emission Source/Control: 01531 - Process

Emission Source/Control: 01532 - Process

Emission Source/Control: 01533 - Process

Emission Source/Control: 01534 - Process

Emission Source/Control: 01535 - Process

Emission Source/Control: 01537 - Process

Emission Source/Control: 01543 - Process

Emission Source/Control: 01544 - Process

Emission Source/Control: 01550 - Process

Emission Source/Control: 01551 - Process

Emission Source/Control: 01552 - Process

Emission Source/Control: 01553 - Process

Emission Source/Control: 01555 - Process

Emission Source/Control: 01586 - Process

Emission Source/Control: 01591 - Process

Emission Source/Control: 01595 - Process

Emission Source/Control: 01596 - Process

Emission Source/Control: 01597 - Process

Emission Source/Control: 01598 - Process

Emission Source/Control: 01599 - Process

Emission Source/Control: 02512 - Process

Emission Source/Control: 02513 - Process

Emission Source/Control: 02514 - Process

Emission Source/Control: 02517 - Process

Emission Source/Control: 02521 - Process

Emission Source/Control: 02526 - Process

Emission Source/Control: 02527 - Process

Emission Source/Control: 02532 - Process

Emission Source/Control: 02533 - Process

Emission Source/Control: 02537 - Process

Emission Source/Control: 02538 - Process

Emission Source/Control: 02540 - Process

Emission Source/Control: 02541 - Process

Emission Source/Control: 02542 - Process

Emission Source/Control: 02543 - Process

Emission Source/Control: 02544 - Process

Emission Source/Control: 02546 - Process

Emission Source/Control: 02547 - Process

Emission Source/Control: 02550 - Process

Emission Source/Control: 02551 - Process

Emission Source/Control: 02552 - Process

Emission Source/Control: 02587 - Process

Emission Source/Control: 02588 - Process

Emission Source/Control: 02589 - Process

Emission Source/Control: 02590 - Process

Emission Source/Control: 02591 - Process

Emission Source/Control: 02592 - Process

Emission Source/Control: 02596 - Process

Emission Source/Control: 02602 - Process

Emission Source/Control: 02603 - Process

Emission Source/Control: 02604 - Process

Emission Source/Control: 02605 - Process

Emission Source/Control: 02607 - Process

Emission Source/Control: 02608 - Process

Emission Source/Control: 02609 - Process

Emission Source/Control: 02611 - Process

Emission Source/Control: 02613 - Process

Emission Source/Control: 02614 - Process

Emission Source/Control: 02615 - Process

Emission Source/Control: 02616 - Process

Emission Source/Control: 02618 - Process

Emission Source/Control: 02619 - Process

Emission Source/Control: 02702 - Process

Emission Source/Control: 02706 - Process

Emission Source/Control: 02707 - Process

Emission Source/Control: 02709 - Process

Emission Source/Control: 02712 - Process

Emission Source/Control: 02713 - Process

Emission Source/Control: 02714 - Process

Emission Source/Control: 02715 - Process

Emission Source/Control: 02716 - Process

Emission Source/Control: 02717 - Process

Emission Source/Control: 02718 - Process

Emission Source/Control: 02719 - Process

Emission Source/Control: 02720 - Process

Emission Source/Control: 02721 - Process

Emission Source/Control: 02722 - Process

Emission Source/Control: 02725 - Process

Emission Source/Control: 02726 - Process

Emission Source/Control: 02727 - Process

Emission Source/Control: 02728 - Process

Emission Source/Control: 02729 - Process

Emission Source/Control: 02730 - Process

Emission Source/Control: 02731 - Process

Emission Source/Control: 02732 - Process

Emission Source/Control: 02733 - Process

Emission Source/Control: 02734 - Process

Emission Source/Control: 02735 - Process

Emission Source/Control: 02736 - Process

Emission Source/Control: 02737 - Process

Emission Source/Control: 02738 - Process

Emission Source/Control: 02739 - Process

Emission Source/Control: 02740 - Process

Emission Source/Control: 02741 - Process

Emission Source/Control: 02742 - Process

Emission Source/Control: 02743 - Process

Emission Source/Control: 02744 - Process

Emission Source/Control: 02745 - Process

Emission Source/Control: 02746 - Process

Emission Source/Control: 02747 - Process

Emission Source/Control: 02748 - Process

Emission Source/Control: 02751 - Process

Emission Source/Control: 02752 - Process

Emission Source/Control: 02754 - Process

Emission Source/Control: 02758 - Process

Emission Source/Control: 02759 - Process

Emission Source/Control: 02763 - Process

Emission Source/Control: 02764 - Process

Emission Source/Control: 02765 - Process

Emission Source/Control: 02768 - Process

Emission Source/Control: 02769 - Process

Emission Source/Control: 02770 - Process

Emission Source/Control: 02772 - Process

Emission Source/Control: 02773 - Process

Emission Source/Control: 02774 - Process

Emission Source/Control: 02775 - Process

Emission Source/Control: 02776 - Process

Emission Source/Control: 02777 - Process

Emission Source/Control: 02778 - Process

Emission Source/Control: 02779 - Process

Emission Source/Control: 02780 - Process

Emission Source/Control: 02782 - Process

Emission Source/Control: 02783 - Process

Emission Source/Control: 02784 - Process

Emission Source/Control: 02785 - Process

Emission Source/Control: 02786 - Process

Emission Source/Control: 02790 - Process

Emission Source/Control: 02791 - Process

Emission Source/Control: 02792 - Process

Emission Source/Control: 02793 - Process

Emission Source/Control: 02794 - Process

Emission Source/Control: 02803 - Process

Item 92.36:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: S-FSBLG
Process: FPV Source Classification Code: 3-99-900-14
Process Description: Thermal oxidizer combustion byproducts.

Emission Source/Control: RECUP - Process

Item 92.37:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: S-FSBLG
Process: FSH Source Classification Code: 3-01-018-99
Process Description:
Pneumatic conveyance systems, dust collection and finishing solids handing equipment.

Emission Source/Control: C0555 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0561 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0567 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0573 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0575 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0576 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C0577 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1549 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1583 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1584 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1587 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1588 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1592 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1593 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C1594 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2500 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2523 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2545 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2600 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2601 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2617 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2704 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2705 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2711 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2749 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2750 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2771 - Control

Control Type: FABRIC FILTER

Emission Source/Control: C2787 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2788 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2789 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2796 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2797 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2798 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2799 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2800 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2801 - Control
Control Type: FABRIC FILTER

Emission Source/Control: C2802 - Control
Control Type: FABRIC FILTER

Emission Source/Control: 00555 - Process

Emission Source/Control: 00561 - Process

Emission Source/Control: 00567 - Process

Emission Source/Control: 00573 - Process

Emission Source/Control: 00575 - Process

Emission Source/Control: 00576 - Process

Emission Source/Control: 00577 - Process

Emission Source/Control: 01549 - Process

Emission Source/Control: 01583 - Process

Emission Source/Control: 01584 - Process

Emission Source/Control: 01587 - Process

Emission Source/Control: 01588 - Process

Emission Source/Control: 01592 - Process

Emission Source/Control: 01593 - Process

Emission Source/Control: 01594 - Process

Emission Source/Control: 02500 - Process

Emission Source/Control: 02523 - Process

Emission Source/Control: 02545 - Process

Emission Source/Control: 02600 - Process

Emission Source/Control: 02601 - Process

Emission Source/Control: 02617 - Process

Emission Source/Control: 02704 - Process

Emission Source/Control: 02705 - Process

Emission Source/Control: 02711 - Process

Emission Source/Control: 02749 - Process

Emission Source/Control: 02750 - Process

Emission Source/Control: 02771 - Process

Emission Source/Control: 02787 - Process

Emission Source/Control: 02788 - Process

Emission Source/Control: 02789 - Process

Emission Source/Control: 02796 - Process

Emission Source/Control: 02797 - Process

Emission Source/Control: 02798 - Process

Emission Source/Control: 02799 - Process

Emission Source/Control: 02800 - Process

Emission Source/Control: 02801 - Process

Emission Source/Control: 02802 - Process

Item 92.38:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: S-FSBLG
Process: FT1 Source Classification Code: 3-01-018-93
Process Description:
VOL (Volatile Organic Liquid) storage RACT (Reasonable Available Control Technology) tanks and finishing tanks.

Emission Source/Control: 00597 - Process

Emission Source/Control: 01571 - Process

Emission Source/Control: 02710 - Process

Emission Source/Control: 02756 - Process

Item 92.39:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: S-FSBLG
Process: FT2 Source Classification Code: 3-01-018-93
Process Description:
Non RACT (Reasonable Available Contol Technology) tanks.

Emission Source/Control: 01572 - Process

Item 92.40:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: S-FSBLG
Process: SBT Source Classification Code: 3-01-018-17
Process Description:
Operation of Sand Bath used to clean die plates and similiar equipment in SFS.

Emission Source/Control: C2708 - Control
Control Type: CENTRIFUGAL

Emission Source/Control: SBATH - Process
Design Capacity: 0.891 million British thermal units

Item 92.41:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-TAREA
Process: WPV Source Classification Code: 3-01-018-99
Process Description: WW vessels, drum washer / hot box, FBI, LF.

Emission Source/Control: 00717 - Process

Emission Source/Control: 00718 - Process

Emission Source/Control: 00727 - Process

Item 92.42:
This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: W-TAREA
Process: WT1 Source Classification Code: 3-01-840-01
Process Description: Waste oil tank.

Emission Source/Control: C0709 - Control
Control Type: ACTIVATED CARBON ADSORPTION

Emission Source/Control: 00709 - Process

Condition 93: Startup, shutdown, malfunction operational standards
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.102(a), Subpart F

Item 93.1:
This Condition applies to Emission Unit: A-PAREA

Item 93.2:
The provisions set forth in 40CFR63, Subparts F and G shall apply at all times except during periods of start-up, shutdown, malfunction, or non-operation of the chemical manufacturing process unit resulting in the cessation of emissions to which the subparts apply. However, if the start-up, shutdown, malfunction, or non-operation of a CMPU does not affect the ability of an emission point to comply with the specific provisions to which it is subject, then that emission point shall still be required to comply with the applicable provisions.

Items of equipment that are required for compliance with the provisions of Subpart F, G, or H shall not be shut down during times when emissions are being routed to such items of equipment, if the shutdown would contravene requirements of this subpart F, G, or H applicable to such items of equipment. This does not apply if the item of equipment is malfunctioning, or if the equipment was shutdown to avoid damage due to a contemporaneous start-up, shutdown, or malfunction of the CMPU or portion thereof.

During start-ups, shutdowns, and malfunctions when the requirements of Subparts F, G, and H do not apply, measures shall be implemented, to the extent reasonably available, to prevent or minimize emissions in excess of those that would have occurred if there were no start-up, shutdown, or malfunction and the owner/operator complied with Subpart(s) F, G, and/or H. The measures taken shall be included in the applicable start-up, shutdown, malfunction plan.

Condition 94: Applicability of General Provisions
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.103(a), Subpart F

Item 94.1:
This Condition applies to Emission Unit: A-PAREA

Item 94.2:
Table 3 of Subpart F specifies the provisions of Subpart A that apply and those that do not apply to owners/operators of sources subject to 40CFR63, Subparts F, G, and H.

Condition 95: Scheduling of initial performance tests
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.103(b)(1), Subpart F

Item 95.1:
This Condition applies to Emission Unit: A-PAREA

Item 95.2:
Performance tests and compliance determinations shall be conducted according to the schedule and procedures in §63.7(a) of Subpart A and the applicable sections of subparts G and H.

Condition 96: Waiver of performance test
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.103(b)(5), Subpart F

Item 96.1:
This Condition applies to Emission Unit: A-PAREA

Item 96.2:
Performance tests may be waived with approval of the New York State DEC as specified in §63.7(h)(2). Any application for a waiver of a performance test shall include information justifying the request for a waiver, such as the technical or ecomonic infeasibility, or the impracticality, of the source performing the required test.

Owners/operators of sources subject to subparts F, G, and H who apply for a waiver of a performance test shall submit the application by the following dates:

If a request is made for an extension of compliance under §63.151(a)(6) or §63.6(i), the application for a waiver of an initial performance test shall accompany the information required for the request for an extension of compliance. If no extension of compliance is requested, the application for a waiver of an initial performance test shall be submitted no later than 90 calendar days before the Notification of Compliance Status required in §63.152(b) is due to be submitted.

Condition 97: Record retention*
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.103(c)(1), Subpart F

Item 97.1:
This Condition applies to Emission Unit: A-PAREA

Item 97.2:
All applicable records and reports required by subparts F, G, and H shall be kept for at least 5 years; except that, if subparts G or H require records to be maintained for a time period different than 5 years, those records shall be maintained for the time specified in subpart G or H.

All applicable records shall be maintained in such a manner that they can be readily accessed. The most recent 6 months of records shall be retained on site or shall be accessible from a centralized location by computer or other means that provides access within 2 hours after a request. The remaining 4 1/2 years of records may be retained offsite.

If the records are required by subparts G or H to be maintained for a time period different than five years, the records shall be kept for the period of time speicified in subparts G or H. If the applicable reports are sent to EPA Region 2 office or if EPA Region 2 has waived the requirement to maintain copies of applicable reports, copies of the reports are not needed to be kept.

Condition 98: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.103(c)(2), Subpart F

Item 98.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 98.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The following records shall be kept:

Records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment or continuous monitoring systems used to comply with subparts F, G, or H during which excess emissions (as defined in §63.102(a)(4)) occur.

For each start-up, shutdown, and malfunction during which excess emissions occur, records that the procedures

specified in the source's start-up, shutdown, and malfunction plan were followed, and documentation of actions taken that are not consistent with the plan. For example, if a start-up, shutdown, and malfunction plan includes procedures for routing a control device to a backup control device, records must be kept of whether the plan was followed. These records may take the form of a checklist, or other form of recordkeeping that confirms conformance with the start-up, shutdown, and malfunction plan for the event.

For continuous monitoring systems used to comply with subpart G, records documenting the completion of calibration checks and maintenance of continuous monitoring systems that are specified in the manufacturer's instructions or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 99: Submittal of reports
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.103(d), Subpart F

Item 99.1:
This Condition applies to Emission Unit: A-PAREA

Item 99.2:
All reports required under 40CFR63, Subparts F, G, and H shall be sent to the New York State DEC, except that requests for permission to use an alternative means of compliance as provided for in §63.102(b) and application for approval of a nominal efficiency as provided for in §63.150(i)(1) through (i)(6) of subpart G shall be submitted to the Director of the EPA Office of Air Quality Planning and Standards rather than to the New York State DEC.

Condition 100: Delay of repair provisions for heat exchange systems
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 100.1:
This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source: APHES

Item 100.2:
Delay of repair is allowed for heat exchanger system leaks in the following situations:

1) If the equipment that is isolated from the process, or
2) If the repair is technically infeasible without a shutdown, and one of the following is true:
a) A shutdown is expected within two months after the delay of repair is determined to be necessary. Repair may be delayed until that shutdown.
b) A shutdown is not expected within the next two months and a shutdown to repair the leaking equipment would result in greater emissions than delaying repair. In this case the owner/operator shall document the items listed in 63.104(e)(2)(i)(A) and (B) and delay the repair until the next shutdown.
c) A shutdown is not expected within the next two months and the owner/operator does not determine that the shutdown would result in greater emissions than a delay of repair. The owner/operator may delay the repair for 120 days. The owner/owner shall demonstrate that the necessary parts or personnel were not available

The owner/operator shall submit the following in the next semiannual report:

1) the presence of a leak and the date the leak was detected
2) whether the leak has been repaired
3) the reason(s) for the delay of repair
4) the expected date of repair if not repaired
5) the date of successful repair of the leak

Condition 101: Provisions for handling leaks found in heat exchanger coolant
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 101.1:
This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source: APHES

Item 101.2:
If a leak is detected, it shall be repaired as soon as practical but not later than 45 calendar days after the owner/operator is notified of the results indicating a leak. The owner/operator shall confirm the repair within 7 days of the repair or startup, whichever is later.

The owner/operator shall retain the following records:

- records of any leaks detected
- monitoring data indicating the presence of a leak
- date(s) of the leak's detection
- date(s) of efforts to repair leak(s)
- method and date of confirmation of leak(s)

Condition 102: Compliance Certification

Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.104, Subpart F

Item 102.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AFE Emission Source: APHES

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 102.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:

The cooling water shall be monitored for total HAPs, total VOCs, TOC, one or more speciated HAPs, or any other representative substances that would indicate the presence of a leak. The cooling water shall be monitored monthly for the first six months and quarterly thereafter.

The concentration of the monitored parameter can be measured using any method listed in 40 CFR Part 136 with the ability to measure as low as 10 ppm. The samples shall be collected at the entrance and exit of the cooling water into the heat exchange system. The average entrance and exit concentrations shall be calculated from at least 3 samples. A leak is detected if the exit mean concentration is greater than the entrance mean concentration using a one-sided statistical procedure at the 0.05 level of significance and it is greater by more than 1 ppm or 10%, whichever is greater.

If a leak is detected according to the criteria listed above, the facility shall repair the leak as soon as practical but not later than 45 calendar days after results of the monitoring tests indicate that a leak exists, except as provided in §63.104(e). The leak shall be repaired unless the owner/operator demonstrates that the results are due to a condition other than a leak. Once the leak is repaired, the facility shall confirm that the heat exchange system has been repaired within 7 calendar days of the repair or startup, whichever is later.

Reporting shall be required as specified in §63.104(f)(2).

Work Practice Type: PARAMETER OF PROCESS MATERIAL
Process Material: VOC's
Parameter Monitored: DAYS TO REPAIR
Upper Permit Limit: 45 days
Reference Test Method: see description
Monitoring Frequency: QUARTERLY
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 103: Exemption from monitoring of heat exchange system - pressurizing coolant water
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.104(a)(1), Subpart F

Item 103.1:
This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source: APHES

Item 103.2:
If the heat exchange system is operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side, the owner/operator is not required to monitor the heat exchange system as required in §63.104(b) or (c).

Condition 104: Exemptions from heat exchange system monitoring - prescence of intervening coolant
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.104(a)(2), Subpart F

Item 104.1:
This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source: APHES

Item 104.2:
If there is an intervening cooling fluid (containing less than 5% by weight of total HAPs listed in table 4 of 40CFR63, Subpart F) between the process and the cooling water, then the owner/operator is not required to monitor the heat exchange system as required in §63.104(b) or (c). The intervening fluid serves to isolate the cooling water from the process fluid and the intervening fluid is not sent through a cooling tower or discharged.

Condition 105: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.105, Subpart F

Item 105.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AFE Emission Source: APMWW

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 105.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The owner/operator shall prepare a description of maintenance procedures for management of wastewaters, which contain organic HAPs listed in table 9 of Subpart G, that are generated from the emptying and purging of equipment in the process during temporary shutdowns for inspections, maintenance, and repair and during periods which are not shutdowns such as routine maintenance.

The description shall specify the following:

1) process equipment or maintenance tasks that are anticipated to create wastewater during maintenance activities;
2) procedures that will be followed to properly manage the wastewater and control organic HAP emissions to the atmosphere; and
3) procedures to be followed when clearing materials from process equipment.

This information shall be updated as needed following each maintenance procedure based on the actions taken and the wastewater generated in the preceding maintenance procedure. The procedures described shall be implemented as part of the startup, shutdown, and malfunction plan required under 40CFR63.6(e)(3).

A record shall be maintained of the information required above in the startup, shutdown, and malfunction plan.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 106: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.132(a)(3), Subpart G

Item 106.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AFE Emission Source: APPWW

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 106.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
For wastewater streams that qualify as Group 2 wastewater streams, the owner/operator shall keep in a readily accessible location the records specified in (i) through (iv) below and include this information in the Notification of Compliance Status Report. This information may be submitted in any form. Table 15 of this subpart is an example.
(i) Process unit identification and description of the process unit.
(ii) Stream identification code.
(iii) For existing sources, concentration of table 9 compound(s) in parts per million, by weight. For new sources, concentration of table 8 and/or table 9 compound(s) in parts per million, by weight. Include documentation of the methodology used to determine concentration.
(iv) Flow rate in liter per minute.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 107: Process wastewater reporting provisions - reporting for Group 2 streams
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.146(b)(2), Subpart G

Item 107.1:
This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source: APPWW

Item 107.2:
The owner/operator shall submit with the Notification of Compliance Status report as required by 40CFR63.152(b), the information specified in Table 15 of subpart G for table 8 and/or table

9 compounds.

Condition 108: Process wastewater provisions - recordkeeping - transfer of Group 1 wastewater
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.147(a), Subpart G

Item 108.1:
This Condition applies to Emission Unit: A-PAREA
Process: AFE Emission Source: APPWW

Item 108.2:
If a Group 1 wastewater stream or residual removed from a Group 1 wastewater stream are transferred in accordance with 40CFR63.132(g), the owner/operator shall keep a record of the notice sent to the treatment operator stating that the wastewater stream or residual contains organic HAPs which are required to be managed and treated in accordance with the provisions of 40CFR63 subpart G.

Condition 109: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.119(e), Subpart G

Item 109.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT4

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 109.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The owner/operator of each closed vent system and control device for storage vessels shall design and operate the control device to reduce inlet emissions of total organic HAP by 95% or greater.

Periods of planned routine maintenance of the control device, during which the control device will not meet the percent reduction requirement above, shall not exceed 240 hours per year. Compliance with this provision shall be demonstrated by submitting with each periodic report as required by 40CFR63.152(c), a description of the planned routine maintenance anticipated for the next 6 months

including the type of maintenance necessary, planned frequency, and lengths of maintenance periods, along with a description of the maintenance performed within the last 6 months including the type of maintenance and the total number of hours that the control device did not meet the percent reduction requirement above.

To demonstrate compliance, the owner/operator shall either prepare a design evaluation or submit the results of a performance test. The design evaluation shall include documentation demonstrating that the control device being used achieves the required control efficiency during reasonably expected maximum filling rate. This documentation shall include a description of the gas stream which enters the control device, including flow and organic HAP content under varying liquid level conditions, and the information specified in 40CFR63.120(d)(1)(i)(A) through (E), as applicable.

The performance test must demonstrate that the control device achieves greater than or equal to the required control efficiency specified above and shall be submitted with the Notification of Compliance Status report as required by 40CFR63.151(b). The owner/operator in this case shall also submit identification of the emission points that share the control device with the storage vessel and for which the performance test will be conducted.

The owner/operator shall submit a monitoring plan with the Notification of Compliance Status report as required by 40CFR63.151(b) containing a description of the parameter of parameters to be monitored to ensure that the control device is being properly operated and maintained, an explanation of the criteria used for selection of that parameter, the operating range for each parameter, and the frequency with which monitoring will be performed. If the owner/operator wishes to submit the results from a performance test, an identification of the storage vessel, control device, and emission point(s) that share the control device shall also be submitted.

Parameter Monitored: TOTAL HAP
Lower Permit Limit: 95 percent reduction by weight
Monitoring Frequency: SINGLE OCCURRENCE
Averaging Method: ARITHMETIC MEAN
Reporting Requirements: ONCE / BATCH OR MONITORING OCCURRENCE

Condition 110: Periodic reports
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.152(c)(1), Subpart G

Item 110.1:
This Condition applies to Emission Unit: A-PAREA
Process: AT4

Item 110.2:
The owner/operator shall submit periodic reports containing the information listed in §63.152(c)(2)-(4). These shall be submitted semi-annually no later than 60 calendar days after the end of each 6-month period. The first report shall be submitted no later than 8 months after the date the Notification of Compliance Status (NoCS) is due and shall cover the 6-month period beginning on the date the NoCS is due.

Condition 111: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.152(d)(1), Subpart G

Item 111.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: AT4

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 111.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Reports of start-up, shutdown, and malfunction required by §63.10(d)(5). These reports may be submitted on the same schedule as the periodic reports as required under §63.152(c) as opposed to the schedule listed in §63.10(d)(5).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 112: VOL fixed roof storage tank requirements
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:6 NYCRR 229.3 (e) (1)

Item 112.1:
This Condition applies to Emission Unit: A-PAREA
Process: AT4 Emission Source: MF150

Item 112.2:
For a fixed roof storage tank storing volatile organic liquids, the tank must be equipped with an internal floating roof with a liquid-mounted primary seal and gasket fittings or

equivalent control. Replacement of other than liquid-mounted seals is to be performed when the tank is cleaned and gas-free for other purposes.

Condition 113: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 113.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA
Process: HOF

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 113.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Hot Oil Furnace (HOF) burns waste fuels, fuel oil and natural gas. Gaseous VOC's are introduced to the HOF at a rate of 56 pounds per hour. The HOF has demonstrated a DRE of 99.99% with toluene ensuring compliance with VOC RACT. The furnace is RACT.

Monitoring Frequency: HOURLY
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

Condition 114: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.119(e)(1), Subpart G

Item 114.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00282

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 0NY100-00-0 TOTAL HAP

Item 114.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

The process control system continuously monitors scrubber liquid flow rate. To ensure compliance with the 95% control requirement of the HON the following conditions must be met:

During periods when methanol is not being unloaded into storage the flow rate should be equal to or greater than 0.25 gallons per minute. This condition also satisfies the 6 NYCRR 212.4(a) requirement for the 91% methanol control and 6 NYCRR 212.10 requirement for 81% VOC control.

Parameter Monitored: FLOW RATE
Lower Permit Limit: 0.25 gallons per minute
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 3/1/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 115: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.119(e)(1), Subpart G

Item 115.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 00282

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 0NY100-00-0 TOTAL HAP

Item 115.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The process control system continuously monitors scrubber liquid flow rate. To ensure compliance with the 95% control requirement of the HON the following conditions must be met:

During periods when methanol is being unloaded into storage the flow rate should be equal to or greater than 2.5 gallons per minute. This condition also satisfies the 6 NYCRR 212.4(a) requirement for the 91% methanol control and 6 NYCRR 212.10 requirement for 81% VOC control.

Parameter Monitored: FLOW RATE
Lower Permit Limit: 2.5 gallons per minute
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 60 days after the reporting period.
The initial report is due 3/1/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 116: Requirements for boilers/process heaters used to comply with process vent standards
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.113(b), Subpart G

Item 116.1:
This Condition applies to Emission Unit: A-PAREA Emission Point: 01212

Item 116.2:
If a boiler or process heater is used to comply with the percent reduction requirements as listed in §63.113(a)(2), then the vent stream shall be introduced into the flame zone of the boiler or process heater.

Condition 117: Standards for group 2 process vents
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.113(e), Subpart G

Item 117.1:
This Condition applies to Emission Unit: A-PAREA Emission Point: 01212

Item 117.2:
The owner/operator of a group 2 process vent with a TRE index value greater than 4.0 shall maintain a TRE index value greater than 4.0, comply with the provisions for calculation of TRE index in §63.115, comply with the recordkeeping and reporting provisions of §63.117(b), 118(c), and 118(h), and is not subject to monitoring or any other requirements of §63.114 through 118.

Condition 118: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.114(b), Subpart G

Item 118.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 01212

Item 118.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each owner or operator of a process vent with a TRE index value greater than 1.0 as specified under 40 CFR 63.113(a)(3) or 63.113(d) that uses one or more recovery devices shall install either an organic monitoring device equipped with a continuous recorder or the monitoring equipment specified in paragraph (b)(1), (b)(2), or (b)(3) of 40 CFR 63.113, depending on the type of recovery device used. All monitoring equipment shall be installed, calibrated, and maintained according to the manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately. Monitoring is not required for process vents with TRE index values greater than 4.0 as specified in 40 CFR 63.113(e).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 119: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.114(d)(2), Subpart G

Item 119.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 01212

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 119.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If the facility is using a vent system that contains bypass lines that could divert a vent stream away from a control device used to comply with the process vent control requirements listed in §63.113(a)(1) or (a)(2), the facility shall secure the bypass line valve in the non-diverting position with a carseal or lock-and-key type configuration. A visual inspection of the seal or closure mechanism shall be performed at least once every month to ensure that the valve is maintained in the non-diverting

position and the vent stream is not diverted through the bypass line.

Monitoring Frequency: MONTHLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 120: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.115(d)(1), Subpart G

Item 120.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 01212

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 120.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

To determine the TRE index value, the owner/operator shall calculate the TRE index value using engineering assessment to determine process vent stream flow rate, net heating value, TOC emission rate, and total organic HAP emission rate for the representative operating condition expected to yield the lowest TRE index value.

If the TRE value calculated using this engineering assessment and the TRE equation listed in §63.115(d)(3) is greater than 4.0, then the owner/operator is not required to perform the measurements specified in §63.115(d)(2).

Engineering assessment includes, but is not limited to:

1) Previous test results provided the tests are representative of current operating practices at the process unit.
2) Bench-scale or pilot-scale test data representative of the process under representative operating conditions.
3) Maximum flow rate, TOC emission rate, organic HAP emission rate, or net heating value limit specified or implied within a permit limit applicable to the process vent.

4) Design analysis based on accepted chemical engineering principles, measurable process parameters, or physical or chemical laws or properties.
5) All data, assumptions, and procedures used in the engineering assessment shall be documented.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 121: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.117(a)(4)(iii), Subpart G

Item 121.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 01212

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 121.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If the facility has process vents that are classified as Group 1, and if the facility is using a process heater or boiler to comply with the 98% reduction or 20 ppm requirements as specified in §63.113(a)(2), then the facility shall keep up-to-date and readily accessible records of a description of the location at which the vent stream is introduced into the boiler or process heater.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 122: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.117(b), Subpart G

Item 122.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 01212

Regulated Contaminant(s):

CAS No: 0NY100-00-0 TOTAL HAP

Item 122.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator of a Group 2 process vent with a TRE index value greater than 4.0 shall maintain records and submit as part of the Notification of Compliance Status report as required in §63.152, measurements, engineering assessments, and calculations performed to determine the TRE index value of the vent stream. Documentation of engineering assessments shall include all data, assumptions, and procedures used for the engineering assessments, as specified in §63.115(d)(1).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 123: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.118(a)(2), Subpart G

Item 123.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 01212

Regulated Contaminant(s):
CAS No: 000095-48-7 2-METHYL-PHENOL
CAS No: 000098-82-8 BENZENE, (1-METHYLETHYL)
CAS No: 000108-88-3 TOLUENE
CAS No: 000108-95-2 PHENOL
CAS No: 000067-56-1 METHYL ALCOHOL

Item 123.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If the facility has a process vent that is classified as Group 1, and if the facility is using one or more recovery or recapture devices to comply with the requirement to reduce OHAP emissions either by at least 98 weight % or to a concentration of no more than 20 ppmv at the outlet, as specified in 63.113(a)(2), that is equipped with an organic monitoring device, then the facility shall keep-up-to-date and readily accessible records of the daily average value of the continuously monitored parameter measured by the organic monitoring device for each operating day that the recovery or recapture devices

were utilized to satisfy the requirement.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 124: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.118(c), Subpart G

Item 124.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 01212

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 124.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
If the owner/operator elects to demonstrate compliance with the TRE index value greater than 1.0 under §63.113(a)(3) shall keep up-to-date, readily accessible records of any process changes as defined in §63.115(e) and any recalculation of the TRE index value pursuant to §63.115(e).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 125: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.118(h), Subpart G

Item 125.1:
The Compliance Certification activity will be performed for:

Emission Unit: A-PAREA Emission Point: 01212

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 125.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

Whenever a process change, as defined in §63.115(e), is made that causes a group 2 process vent with a TRE greater than 4.0 to become a group 2 process vent with a TRE less than 4.0, a report shall be submitted within 180 calendar days after the process change. The report may be submitted as part of the next periodic report and shall include a description of the process change, the results of the recalculation of the TRE index value required under §63.115(e) and recorded under §63.118(c), and a statement that the owner/operator will comply with the requirements specified in §63.113(d).

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 126: Requirements for boilers/process heaters used to comply with process vent standards
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.113(b), Subpart G

Item 126.1:
This Condition applies to Emission Unit: H-IPSBG

Item 126.2:
If a boiler or process heater is used to comply with the percent reduction requirements as listed in §63.113(a)(2), then the vent stream shall be introduced into the flame zone of the boiler or process heater.

Condition 127: Part 63 General Provisions requirements
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1311(f), Subpart JJJ

Item 127.1:
This Condition applies to Emission Unit: H-IPSBG

Item 127.2:
Owners or operators of affected sources subject to 40CFR63 Subpart JJJ must also comply with the requirements of Subpart A of Part 63, according to the applicability of Subpart A to such sources, as identified in Table 1 of Subpart JJJ. Subpart A is the General Provisions for the NESHAP for Source Categories regulations. The General Provisions contain requirements for performance testing, monitoring, notification, recordkeeping, reporting, and control devices that may apply to the source.

Condition 128: Emission standards
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1313(a), Subpart JJJ

Item 128.1:
This Condition applies to Emission Unit: H-IPSBG

Item 128.2:
The owner/operator shall comply with the following provisions where applicable:

§63.1314 for storage vessels
§63.1315, or §§63.1316-63.1320 for continuous process vents
§63.1321 for batch process vents
§63.1328 for heat exchangers
§63.1329 for process contact cooling towers
§63.1330 for wastewater
§63.1331 for equipment leaks
§63.1333 for additional test methods and procedures
§63.1334 for parameter monitoring levels and excursions
§63.1335 for general reporting and recordkeeping requirements

Condition 129: Monitoring provisions for polystyrene production
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1317, Subpart JJJ

Item 129.1:
This Condition applies to Emission Unit: H-IPSBG

Item 129.2:
Continuous process vents using a control or recovery device to comply with §63.1316 shall comply with the applicable monitoring provisions specified for continuous process vents in §63.1315(a),
except that references to group determinations (i.e., total resource effectiveness) do not apply and owners or operators are not required to comply with §63.113.

Condition 130: Recordkeeping provisions for polystyrene production
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1319(a), Subpart JJJ

Item 130.1:
This Condition applies to Emission Unit: H-IPSBG

Item 130.2:
Except as provided in §63.1319(b) and (c), if the facility is using a control or recovery device to comply with §63.1316, the facility shall comply with the appropriate recordkeeping provisions specified in §63.1315, except that, for the purposes of this condition, references to group determinations (i.e., total resource effectiveness) do not apply, and the facility is not required to comply with §63.113.

Condition 131: Reporting provisions for polystyrene production
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1320(a), Subpart JJJ

Item 131.1:
This Condition applies to Emission Unit: H-IPSBG

Item 131.2:
Except as specified in §63.1320(b), owners and operators using a control or recovery device to comply with §63.1316 shall comply with the applicable reporting provisions specified in §63.1315, except that, for the purposes of this paragraph (a), references to group determinations (i.e., total resource effectiveness) do not apply, and owners or operators are not required to comply with §63.113.

Condition 132: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1335, Subpart JJJ

Item 132.1:
The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 132.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Unless otherwise specified, copies of all applicable records and reports required by 40CFR63, Subpart JJJ shall be kept for at least five years. The records shall be maintained in such a manner that they are readily accessible with the latest six months retained on site or accessible from a computer.

The owner/operator shall comply with the applicable recordkeeping and reporting requirements listed in 40CFR63, Subpart A as specified in Table 1 of Subpart JJJ. These requirements include, but are not limited to the start-up, shutdown, and malfunction plan. The owner/operator shall develop and implement a written start-up, shutdown, and malfunction plan as specified in §63.6(e)(3). This plan shall describe, in detail, procedures for operating and maintaining the affected source during periods of start-up, shutdown, and malfunction and a program for corrective action for malfunctioning process and air pollution control equipment

used to comply with Subpart JJJ. Group 2 emission points is not required to be included in the plan, unless these points are included in an emissions average. For equipment leaks subject to §63.1331, the start-up, shutdown, malfunction plan is limited to control devices and is optional for other equipment, and may include written procedures that identify conditions that justify a delay of repair. A provision to cease the collection of monitoring data during a start-up, shutdown, or malfunction that would otherwise be required may be included in the plan only if the owner/operator has demonstrated to the permitting authority, through the precompliance report or a supplement to the precompliance report, that the monitoring system would be damaged or destroyed if it were not shut down during the start-up, shutdown, or malfunction. The plan shall be kept on site and the following records shall be kept with the plan: 1) records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or control devices or recovery devices or continuous monitoring systems used to comply with Subpart JJJ during which excess emissions occur, 2) For each start-up, shutdown, and malfunction during which excess emissions occur, records reflecting whether the procedures specified in the plan were followed, and documentation of actions taken that are not consistent with the plan. Start-up, shutdown, and malfunction reports shall be submitted according the same schedule as the periodic reports required in §63.1335(e)(6) and shall include the information specified in §63.10(d)(5)(i).

If continuous records are required, the owner/operator shall keep them according to the provisions listed in §63.1335(d)(1) through (9). If a monitoring plan for storage vessels pursuant to §63.1314(a)(9) requires continuous records, the monitoring plan shall specify which provisions, if any, of §63.1335(d)(1) through (7) apply.

In addition to the reports and notifications required by Subpart A of 40CFR63, the owner/operator shall prepare and submit the following reports: 1) the Notification of Compliance Status report as described in §63.1335(e)(5) shall be submitted within 150 operating days of the compliance date, 2) Periodic Reports, as described in §63.1335(e)(6) shall be submitted according to the schedule as listed in §63.1335(e)(6)(i). The periodic reports are due every Jan. 14th and Jul. 14th to cover the periods from May 16 to Nov. 15th and Nov. 16th to May 15th, respectively.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 133: Periodic Reports
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1335(e)(6), Subpart JJJ

Item 133.1:
This Condition applies to Emission Unit: H-IPSBG

Item 133.2:
For existing and new affected sources, the owner or operator shall submit Periodic Reports as specified in paragraphs (e)(6)(i) through (e)(6)(xi) of this section. In addition, for equipment leaks subject to Sec. 63.1331, the owner or operator shall submit the information specified in Sec. 63.182(d) under the conditions listed in Sec. 63.182(d), and for heat exchange systems subject to Sec. 63.1328, the owner or operator shall submit the information specified in Sec. 63.104(f)(2) as part of the Periodic Report required by this paragraph (e)(6). Section 63.1334 shall govern the use of monitoring data to determine compliance for Group 1 emissions points and for Group 1 and Group 2 emission points included in emissions averages with the following exception: As discussed in Sec. 63.1314(a)(9), for storage vessels to which the provisions of Sec. 63.1334 do not apply, as specified in the monitoring plan required by Sec. 63.120(d)(2), the owner or operator is required to comply with the requirements set out in the monitoring plan, and monitoring records may be used to determine compliance.

Condition 134: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1311(o), Subpart JJJ

Item 134.1:
The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG
Process: HFE

Item 134.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
All terms in this subpart that define a period of time for completion of required tasks (e.g., weekly, monthly, quarterly, annual), unless specified otherwise in the section or paragraph that imposes the requirement, refer to the standard calendar periods.

Notwithstanding time periods specified in this subpart for completion of required tasks, such time periods may be changed by mutual agreement between the facility and the

Administrator, as specified in subpart A of this part (e.g., a period could begin on the compliance date or another date, rather than on the first day of the standard calendar period). For each time period that is changed by agreement, the revised period shall remain in effect until it is changed. A new request is not necessary for each recurring period.

Where the period specified for compliance is a standard calendar period, if the initial compliance date occurs after the beginning of the period, compliance shall be required according to the schedule specified in one of the two following methods, as appropriate.
(i) Compliance shall be required before the end of the standard calendar period within which the compliance deadline occurs, if there remain at least 3 days for tasks that must be performed weekly, at least 2 weeks for tasks that must be performed monthly, at least 1 month for tasks that must be performed each quarter, or at least 3 months for tasks that must be performed annually; or
(ii) In all other cases, compliance shall be required before the end of the first full standard calendar period after the period within which the initial compliance deadline occurs.

In all instances where a provision of subpart JJJ requires completion of a task during each of multiple successive periods, the facility may perform the required task at any time during the specified period, provided that the task is conducted at a reasonable interval after completion of the task during the previous period.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 135: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1331, Subpart JJJ

Item 135.1:
The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG
Process: HFE

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 135.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Except as provided for in paragraphs (b) and (c) of this section, the owner or operator of each affected source shall comply with the requirements of subpart H of this part, with the differences noted in paragraphs (a)(1) through (a)(13) of this section.

(2) The compliance date for the equipment leak provisions contained in this section is provided in §63.1311. Whenever subpart H of this part refers to the compliance dates specified in any paragraph contained in §63.100, the compliance dates listed in §63.1311(d) shall instead apply, for the purposes of this subpart. When §63.182(c)(4) refers to "sources subject to subpart F," the phrase "sources subject to this subpart" shall apply, for the purposes of this subpart. In addition, extensions of compliance dates are addressed by §63.1311(e) instead of §63.182(a)(6), for the purposes of this subpart.

(5) The information specified by §63.182(a)(3) and §63.182(d) (i.e., Periodic Reports) shall be submitted as part of the Periodic Reports required by §63.1335(e)(6).

(7) When §63.166(b)(4)(i) refers to Table 9 of subpart G of this part, the owner or operator is only required to consider organic HAP listed on Table 6 of this subpart for purposes of this subpart, except for ethylene glycol which need not be considered.

(11) When the terms "equipment" and "equipment leak" are used in subpart H of this part, the definitions of these terms in §63.1312 shall apply for the purposes of this subpart.

(12) The phrase "the provisions of subparts F, I, or JJJ of this part" shall apply instead of the phrase "the provisions of subpart F or I of this part" throughout §§63.163 and 63.168, for the purposes of this subpart. In addition, the phrase "subparts F, I, and JJJ" shall apply instead of the phrase "subparts F and I" in §63.174(c)(2)(iii), for the purposes of this subpart.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 136: Heat exchange systems provisions
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1328, Subpart JJJ

Item 136.1:
This Condition applies to Emission Unit: H-IPSBG
Process: HFE Emission Source: H-HES

Item 136.2:
The owner/operator shall comply with the applicable provisions listed in §63.104 for all heat exchanger systems, with the differences noted in §63.1328(c) through (h).

Condition 137: Provisions for continuous process vents
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1315, Subpart JJJ

Item 137.1:
This Condition applies to Emission Unit: H-IPSBG
Process: HPV

Item 137.2:
For each continuous process vent located at an affected source, the owner or operator shall comply with the requirements of §63.113-118, with the differences noted in paragraphs §63.1315(a)(1) through (a)(18) of this section for the purposes of this subpart, except as provided in §63.1315(b)-(e).

Condition 138: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1316, Subpart JJJ

Item 138.1:
The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG
Process: HPV

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 138.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner/operator shall limit organic HAP emissions from continuous process vents in the collection of material recovery sections within the affected source by complying

with one of the following provisions:

1) Emissions from all continuous process vents in each individual material recovery section shall, as a whole, not exceed 0.0036 kg organic HAP/Mg of product, or the emissions from all continuous process vents in the collection of material recovery sections within the affected source shall, as a whole, not exceed 0.0036 kg organic HAP/Mg of product,
2) As specified in §63.1318(d), the daily average outlet gas stream temperature from each final condenser in a material recovery section shall not exceed -25 degrees C
3) Either reduce emissions in a combustion device by 98% by weight or to a concentration of 20ppmv (corrected to 3% oxygen), whichever is less stringent
4) Combust the emissions in a boiler or process heater with a design heat input capacity of 150 million Btu/hr or greater by introducing the emissions into the flame zone of the boiler or process heater, or
5) Combust the emissions in a flare that complies with the requirements of §63.1333(e).

The owner/operator shall also limit organic HAP emissions from continuous process vents not included in a material recovery section by complying with §63.1315, and limit HAP emissions from all batch process vents by complying with §63.1321.

Compliance can be based on either organic HAP or TOC.

The owner/operator shall not comply with any of the requirements specified in 40CFR60, subpart DDD.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 139: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 139.1:
The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG
Process: HT3

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 139.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING
Monitoring Description:
The carbon bed shall be checked for breakthrough monthly (as indicated by a portable FID reading in excess of 10 ppm). If breakthrough has occurred, the unit will be changed out within 5 days of breakthrough detection. Since the VOC ERP is > 3 lbs/hr, 81 % control is required by RACT. Averaging method is an annual average.

Parameter Monitored: CONCENTRATION
Lower Permit Limit: 81 percent
Reference Test Method: EPA METHOD 21
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 140: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.1316, Subpart JJJ

Item 140.1:
The Compliance Certification activity will be performed for:

Emission Unit: H-IPSBG Emission Point: 03041

Regulated Contaminant(s):
CAS No: 000098-82-8 BENZENE, (1-METHYLETHYL)
CAS No: 000100-41-4 ETHYLBENZENE
CAS No: 000108-88-3 TOLUENE
CAS No: 001330-20-7 XYLENE, M, O & P MIXT.
CAS No: 000100-42-5 STYRENE

Item 140.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE

Monitoring Description:
The process control system continuously monitors the total organic vapor concentration (measured as toluene). To ensure compliance with the mass emissions per mass product standard of §63.1316(c)(1)(i), the organic vapor concentration (measured as toluene) of the process vent from the last carbon adsorption bed before exiting to the atmosphere shall not exceed the upper permit limit. The upper permit limit includes a dilution factor to account for the nitrogen that is added to ensure proper operation of the carbon adsorption system.

Parameter Monitored: CONCENTRATION
Upper Permit Limit: 3 parts per million (by volume)
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 141: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.996, Subpart SS

Item 141.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 141.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(a) General monitoring requirements applicability. (1) This section applies to the owner or operator of a regulated source required to monitor under this subpart.

(3) Flow indicators are not subject to the requirements of this section.

(b) Conduct of monitoring. (1) Monitoring shall be conducted as set forth in this section and in the relevant sections of this subpart unless the provision in either paragraph (b)(1)(i) or (ii) of this section applies.

(i) The Administrator specifies or approves the use of minor changes in methodology for the specified monitoring requirements and procedures; or

(ii) The Administrator approves the use of alternatives to any monitoring requirements or procedures as provided in the referencing subpart or paragraph (d) of this section.

(c) Operation and maintenance of continuous parameter monitoring systems. (1) All monitoring equipment shall be installed, calibrated, maintained, and operated according to manufacturer's specifications or other written procedures that provide adequate assurance that the equipment would reasonably be expected to monitor accurately.

(2) The owner or operator of a regulated source shall maintain and operate each CPMS as specified in this section, or in a relevant subpart, and in a manner consistent with good air pollution control practices.

(i) The owner or operator of a regulated source shall ensure the immediate repair or replacement of CPMS parts to correct "routine" or otherwise predictable CPMS malfunctions. The necessary parts for routine repairs of the affected equipment shall be readily available.

(ii) If under the referencing subpart, an owner or operator has developed a start-up, shutdown, and malfunction plan, the plan is followed, and the CPMS is repaired immediately, this action shall be recorded as specified in §63.998(c)(1)(ii)(E).

(iii) The Administrator's determination of whether acceptable operation and maintenance procedures are being used for the CPMS will be based on information that may include, but is not limited to, review of operation and maintenance procedures, operation and maintenance records as specified in §63.998(c)(1)(i) and (ii), manufacturer's recommendations and specifications, and inspection of the CPMS.

(4) All CPMS's shall be installed such that representative measurements of parameters from the regulated source are obtained.

(5) In accordance with the referencing subpart, except for system breakdowns, repairs, maintenance periods, instrument adjustments, or checks to maintain precision

and accuracy, calibration checks, and zero and span adjustments, all continuous parameter monitoring systems shall be in continuous operation when emissions are being routed to the monitored device.

(6) The owner or operator shall establish a range for monitored parameters that indicates proper operation of the control or recovery device. In order to establish the range, the information required in §63.999(b)(3) shall be submitted in the Notification of Compliance Status or the operating permit application or amendment. The range may be based upon a prior performance test meeting the specifications of §63.997(b)(1) or a prior TRE index value determination, as applicable, or upon existing ranges or limits established under a referencing subpart. Where the regeneration stream flow and carbon bed temperature are monitored, the range shall be in terms of the total regeneration stream flow per regeneration cycle and the temperature of the carbon bed determined within 15 minutes of the completion of the regeneration cooling cycle.

(d) Alternatives to monitoring requirements. (1) Alternatives to the continuous operating parameter monitoring and recordkeeping provisions. An owner or operator may request approval to use alternatives to the continuous operating parameter monitoring and recordkeeping provisions listed in §§63.988(c), 63.990(c), 63.993(c), 63.994(c), 63.998(a)(2) through (4), 63.998(c)(2) and (3), as specified in §63.999(d)(1).

(2) Monitoring a different parameter than those listed. An owner or operator may request approval to monitor a different parameter than those established in paragraph (c)(6) of this section or to set unique monitoring parameters if directed by §63.994(c)(2) or §63.995(c), as specified in §63.999(d)(2).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 142: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.998, Subpart SS

Item 142.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 142.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Compliance assessment, monitoring, and compliance records

(3) Recovery device monitoring records during TRE index value determination. For process vents that require control of emissions under a referencing subpart, owners or operators using a recovery device to maintain a TRE above a level specified in the referencing subpart shall maintain the continuous records specified in paragraph (a)(3)(i) through (v) of this section, as applicable, and submit reports as specified in §63.999(a)(2)(iii)(C).

(i) Where an absorber is the final recovery device in the recovery system and the saturated scrubbing fluid and specific gravity of the scrubbing fluid is greater than or equal to 0.02 specific gravity units, the exit specific gravity (or alternative parameter that is a measure of the degree of absorbing liquid saturation if approved by the Administrator) and average exit temperature of the absorbing liquid averaged over the same time period as the TRE index value determination (both measured while the vent stream is normally routed and constituted); or

(v) All measurements and calculations performed to determine the TRE index value of the vent stream as specified in a referencing subpart.

(b) Continuous records and monitoring system data handling: (1) Continuous records. Where this subpart requires a continuous record, the owner or operator shall maintain a record as specified in paragraphs (b)(1)(i) through (iv) of this section, as applicable:

(ii) A record of block average values for 15-minute or shorter periods calculated from all measured data values during each period or from at least one measured data value per minute if measured more frequently than once per minute.

(2) Excluded data. Monitoring data recorded during periods identified in paragraphs (b)(2)(i) through (iii) of this section shall not be included in any average computed to determine compliance with an emission limit in a referencing subpart.

(i) Monitoring system breakdowns, repairs, preventive maintenance, calibration checks, and zero (low-level) and high-level adjustments;

(ii) Periods of non-operation of the process unit (or portion thereof), resulting in cessation of the emissions to which the monitoring applies; and

(3) Records of daily averages. In addition to the records specified in paragraph (a), owners or operators shall keep records as specified in paragraphs (b)(3)(i) and (ii) of this section and submit reports as specified in §63.999(c), unless an alternative recordkeeping system has been requested and approved under a referencing subpart.

(i) Except as specified in paragraph (b)(3)(ii) of this section, daily average values of each continuously monitored parameter shall be calculated from data meeting the specifications of paragraph (b)(2) of this section for each operating day and retained for 5 years.

(A) The daily average shall be calculated as the average of all values for a monitored parameter recorded during the operating day. The average shall cover a 24-hour period if operation is continuous, or the period of operation per operating day if operation is not continuous (e.g., for transfer racks the average shall cover periods of loading). If values are measured more frequently than once per minute, a single value for each minute may be used to calculate the daily average instead of all measured values.

(B) The operating day shall be the period defined in the operating permit or in the Notification of Compliance Status. It may be from midnight to midnight or another daily period.

(c) Nonflare control and recovery device regulated source monitoring records: (1) Monitoring system records. For process vents and high throughput transfer racks, the owner or operator subject to this subpart shall keep the records specified in this paragraph, as well as records specified elsewhere in this subpart.

(i) For a CPMS used to comply with this part, a record of the procedure used for calibrating the CPMS.

(ii) For a CPMS used to comply with this subpart, records of the information specified in paragraphs (c)(ii)(A) through (H) of this section, as indicated in a referencing subpart.

(A) The date and time of completion of calibration and preventive maintenance of the CPMS.

(B) The "as found" and "as left" CPMS readings, whenever an adjustment is made that affects the CPMS reading and a "no adjustment" statement otherwise.

(C) The start time and duration or start and stop times of any periods when the CPMS is inoperative.

(D) Records of the occurrence and duration of each start-up, shutdown, and malfunction of CPMS used to comply with this subpart during which excess emissions (as defined in a referencing subpart) occur.

(E) For each start-up, shutdown, and malfunction during which excess emissions as defined in a referencing subpart occur, records whether the procedures specified in the source's start-up, shutdown, and malfunction plan were followed, and documentation of actions taken that are not consistent with the plan. These records may take the form of a "checklist," or other form of recordkeeping that confirms conformance with the start-up, shutdown, and malfunction plan for the event.

(F) Records documenting each start-up, shutdown, and malfunction event.

(G) Records of CPMS start-up, shutdown, and malfunction event that specify that there were no excess emissions during the event, as applicable.

(H) Records of the total duration of operating time.

(3) Monitoring records for recovery devices, absorbers, condensers, carbon adsorbers or other noncombustion systems used as control devices. (i) Each owner or operator using a recovery device to achieve and maintain a TRE index value greater than the control applicability level specified in the referencing subpart but less than 4.0 or using an absorber, condenser, carbon adsorber or other non-combustion system as a control device shall keep readily accessible, continuous records of the equipment

operating parameters specified to be monitored under §§63.990(c) (absorber, condenser, and carbon adsorber monitoring), 63.993(c) (recovery device monitoring), or 63.995(c) (other noncombustion systems used as a control device monitoring) or as approved by the Administrator in accordance with a referencing subpart. For transfer racks, continuous records are required while the transfer vent stream is being vented.

(ii) Each owner or operator shall keep records of the daily average value of each continuously monitored parameter for each operating day determined according to the procedures specified in paragraph (b)(3)(i) of this section. If carbon adsorber regeneration stream flow and carbon bed regeneration temperature are monitored, the records specified in paragraphs (c)(3)(ii)(A) and (B) of this section shall be kept instead of the daily averages.

(iii) Each owner or operator subject to the provisions of this subpart shall keep up-to-date, readily accessible records of periods of operation during which the parameter boundaries are exceeded. The parameter boundaries are established pursuant to §63.996(c)(6).

(d) Other records: (1) Closed vent system records. For closed vent systems the owner or operator shall record the information specified in paragraphs (d)(1)(i) through (iv) of this section, as applicable.

(i) For closed vent systems collecting regulated material from a regulated source, the owner or operator shall record the identification of all parts of the closed vent system, that are designated as unsafe or difficult to inspect, an explanation of why the equipment is unsafe or difficult to inspect, and the plan for inspecting the equipment required by §63.983(b)(2)(ii) or (iii) of this section.

(ii) For each closed vent system that contains bypass lines that could divert a vent stream away from the control device and to the atmosphere, the owner or operator shall keep a record of the information specified in either paragraph (d)(1)(ii)(A) or (B) of this section, as applicable.

(A) Hourly records of whether the flow indicator specified under §63.983(a)(3)(i) was operating and whether a diversion was detected at any time during the hour, as well as records of the times of all periods when the vent stream is diverted from the control device or the flow indicator is not operating.

(B) Where a seal mechanism is used to comply with §63.983(a)(3)(ii), hourly records of flow are not required. In such cases, the owner or operator shall record that the monthly visual inspection of the seals or closure mechanisms has been done, and shall record the occurrence of all periods when the seal mechanism is broken, the bypass line valve position has changed, or the key for a lock-and-key type lock has been checked out, and records of any car-seal that has been broken.

(iii) For a closed vent system collecting regulated material from a regulated source, when a leak is detected as specified in §63.983(d)(2), the information specified in paragraphs (d)(1)(iii)(A) through (F) of this section shall be recorded and kept for 5 years.

(A) The instrument and the equipment identification number and the operator name, initials, or identification number.

(B) The date the leak was detected and the date of the first attempt to repair the leak.

(C) The date of successful repair of the leak.

(D) The maximum instrument reading measured by the procedures in §63.983(c) after the leak is successfully repaired or determined to be nonrepairable.

(E) "Repair delayed" and the reason for the delay if a leak is not repaired within 15 days after discovery of the leak. The owner or operator may develop a written procedure that identifies the conditions that justify a delay of repair. In such cases, reasons for delay of repair may be documented by citing the relevant sections of the written procedure.

(F) Copies of the Periodic Reports as specified in §63.999(c), if records are not maintained on a computerized database capable of generating summary reports from the records.

(iv) For each instrumental or visual inspection conducted in accordance with §63.983(b)(1) for closed vent systems collecting regulated material from a regulated source during which no leaks are detected, the owner or operator shall record that the inspection was performed, the date of the inspection, and a statement that no leaks were detected.

(2) Storage vessel and transfer rack records. An owner or

operator shall keep readily accessible records of the information specified in paragraphs (d)(2)(i) and (ii) of this section, as applicable.

(i) A record of the measured values of the parameters monitored in accordance with §63.985(c) or §63.987(c).

(ii) A record of the planned routine maintenance performed on the control system during which the control system does not meet the applicable specifications of §63.983(a), §63.985(a), or §63.987(a), as applicable, due to the planned routine maintenance. Such a record shall include the information specified in paragraphs (d)(2)(ii)(A) through (C) of this section. This information shall be submitted in the Periodic Reports as specified in §63.999(c)(4).

(A) The first time of day and date the requirements of §63.983(a), §63.985(a), or §63.987(a), as applicable, were not met at the beginning of the planned routine maintenance, and

(B) The first time of day and date the requirements of §63.983(a), §63.985(a), or §63.987(a), as applicable, were met at the conclusion of the planned routine maintenance.

(C) A description of the type of maintenance performed.

(3) Regulated source and control equipment start-up, shutdown and malfunction records. (i) Records of the occurrence and duration of each start-up, shutdown, and malfunction of operation of process equipment or of air pollution control equipment used to comply with this part during which excess emissions (as defined in a referencing subpart) occur.

(ii) For each start-up, shutdown, and malfunction during which excess emissions occur, records that the procedures specified in the source's start-up, shutdown, and malfunction plan were followed, and documentation of actions taken that are not consistent with the plan. For example, if a start-up, shutdown, and malfunction plan includes procedures for routing control device emissions to a backup control device (e.g., the incinerator for a halogenated stream could be routed to a flare during periods when the primary control device is out of service), records must be kept of whether the plan was followed. These records may take the form of a "checklist," or other form of recordkeeping that confirms

conformance with the start-up, shutdown, and malfunction plan for the event.

(5) Records of monitored parameters outside of range. The owner or operator shall record the occurrences and the cause of periods when the monitored parameters are outside of the parameter ranges documented in the Notification of Compliance Status report. This information shall also be reported in the Periodic Report.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 143: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.999, Subpart SS

Item 143.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 143.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
(b) Notification of Compliance Status -(1) Routing storage vessel or transfer rack emissions to a process or fuel gas system. An owner or operator who elects to comply with §63.982 by routing emissions from a storage vessel or transfer rack to a process or to a fuel gas system, as specified in §63.984, shall submit as part of the Notification of Compliance Status the information specified in paragraphs (b)(1)(i) and (ii), or (iii) of this section, as applicable.

(i) If storage vessels emissions are routed to a process,

the owner or operator shall submit the information specified in §63.984(b)(2) and (3).

(2) Routing storage vessel or low throughput transfer rack emissions to a nonflare control device. An owner or operator who elects to comply with §63.982 by routing emissions from a storage vessel or low throughput transfer rack to a nonflare control device, as specified in §63.985, shall submit, with the Notification of Compliance Status required by a referencing subpart, the applicable information specified in paragraphs (b)(2)(i) through (vi) of this section. Owners and operators who elect to comply with §63.985(b)(1)(i) by submitting a design evaluation shall submit the information specified in paragraphs (b)(2)(i) through (iv) of this section. Owners and operators who elect to comply with §63.985(b)(1)(ii) by submitting performance test results from a control device for a storage vessel or low throughput transfer rack shall submit the information specified in paragraphs (b)(2)(i), (ii), (iv), and (v) of this section. Owners and operators who elect to comply with §63.985(b)(1)(ii) by submitting performance test results from a shared control device shall submit the information specified in paragraph (b)(2)(vi) of this section.

(i) A description of the parameter or parameters to be monitored to ensure that the control device is being properly operated and maintained, an explanation of the criteria used for selection of that parameter (or parameters), and the frequency with which monitoring will be performed (e.g., when the liquid level in the storage vessel is being raised). If continuous records are specified, indicate whether the provisions of §63.999(c)(6) apply.

(ii) The operating range for each monitoring parameter identified in the monitoring plan required by §63.985(c)(1). The specified operating range shall represent the conditions for which the control device is being properly operated and maintained.

(iii) The documentation specified in §63.985(b)(1)(i), if the owner or operator elects to prepare a design evaluation.

(iv) The provisions of paragraph (c)(6) of this section do not apply to any low throughput transfer rack for which the owner or operator has elected to comply with §63.985 or to any storage vessel for which the owner or operator is not required, by the applicable monitoring plan established under §63.985(c)(1), to keep continuous records. If continuous records are required, the owner or

operator shall specify in the monitoring plan whether the provisions of paragraph (c)(6) of this section apply.

(3) Operating range for monitored parameters. The owner or operator shall submit as part of the Notification of Compliance Status, the operating range for each monitoring parameter identified for each control, recovery, or halogen reduction device as determined pursuant to §63.996(c)(6). The specified operating range shall represent the conditions for which the control, recovery, or halogen reduction device is being properly operated and maintained. This report shall include the information in paragraphs (b)(3)(i) through (iii) of this section, as applicable, unless the range and the operating day have been established in the operating permit.

(i) The specific range of the monitored parameter(s) for each emission point;

(ii) The rationale for the specific range for each parameter for each emission point, including any data and calculations used to develop the range and a description of why the range indicates proper operation of the control, recovery, or halogen reduction device, as specified in paragraphs (b)(3)(ii)(A), (B), or (C) of this section, as applicable.

(A) If a performance test or TRE index value determination is required by a referencing subpart for a control, recovery or halogen reduction device, the range shall be based on the parameter values measured during the TRE index value determination or performance test and may be supplemented by engineering assessments and/or manufacturer's recommendations. TRE index value determinations and performance testing are not required to be conducted over the entire range of permitted parameter values.

(B) If a performance test or TRE index value determination is not required by a referencing subpart for a control, recovery, or halogen reduction device, the range may be based solely on engineering assessments and/or manufacturer's recommendations.

(iii) A definition of the source's operating day for purposes of determining daily average values of monitored parameters. The definition shall specify the times at which an operating day begins and ends.

(c) Periodic reports. (1) Periodic reports shall include the reporting period dates, the total source operating

time for the reporting period, and, as applicable, all information specified in this section and in the referencing subpart, including reports of periods when monitored parameters are outside their established ranges.

(2) For closed vent systems subject to the requirements of §63.983, the owner or operator shall submit as part of the periodic report the information specified in paragraphs (c)(2)(i) through (iii) of this section, as applicable.

(i) The information recorded in §63.998(d)(1)(iii)(B) through (E);

(ii) Reports of the times of all periods recorded under §63.998(d)(1)(ii)(A) when the vent stream is diverted from the control device through a bypass line; and

(iii) Reports of all times recorded under §63.998(d)(1)(ii)(B) when maintenance is performed in car-sealed valves, when the seal is broken, when the bypass line valve position is changed, or the key for a lock-and-key type configuration has been checked out.

(4) For storage vessels, the owner or operator shall include in each periodic report required the information specified in paragraphs (c)(4)(i) through (iii) of this section.

(i) For the 6-month period covered by the periodic report, the information recorded in §63.998(d)(2)(ii)(A) through (C).

(ii) For the time period covered by the periodic report and the previous periodic report, the total number of hours that the control system did not meet the requirements of §63.983(a), §63.985(a), or §63.987(a) due to planned routine maintenance.

(iii) A description of the planned routine maintenance during the next 6-month periodic reporting period that is anticipated to be performed for the control system when it is not expected to meet the required control efficiency. This description shall include the type of maintenance necessary, planned frequency of maintenance, and expected lengths of maintenance periods.

(5) If a control device other than a flare is used to control emissions from storage vessels or low throughput transfer racks, the periodic report shall describe each

occurrence when the monitored parameters were outside of the parameter ranges documented in the Notification of Compliance Status in accordance with paragraph (b)(3) of this section. The description shall include the information specified in paragraphs (c)(5)(i) and (ii) of this section.

(i) Identification of the control device for which the measured parameters were outside of the established ranges, and

(ii) The cause for the measured parameters to be outside of the established ranges.

(6) For process vents and transfer racks (except low throughput transfer racks), periodic reports shall include the information specified in paragraphs (c)(6)(i) through (iv) of this section.

(i) Periodic reports shall include the daily average values of monitored parameters, calculated as specified in §63.998(b)(3)(i) for any days when the daily average value is outside the bounds as defined in §63.998(c)(2)(iii) or (c)(3)(iii), or the data availability requirements defined in paragraphs (c)(6)(i)(A) through (D) of this section are not met, whether these excursions are excused or unexcused excursions. For excursions caused by lack of monitoring data, the duration of periods when monitoring data were not collected shall be specified. An excursion means any of the cases listed in paragraphs (c)(6)(i)(A) through (C) of this section. If the owner or operator elects not to retain the daily average values pursuant to §63.998(b)(5)(ii)(A), the owner or operator shall report this in the Periodic Report.

(A) When the daily average value of one or more monitored parameters is outside the permitted range.

(B) When the period of control or recovery device operation is 4 hours or greater in an operating day and monitoring data are insufficient to constitute a valid hour of data for at least 75 percent of the operating hours.

(C) When the period of control or recovery device operation is less than 4 hours in an operating day and more than one of the hours during the period of operation does not constitute a valid hour of data due to insufficient monitoring data.

(D) Monitoring data are insufficient to constitute a valid hour of data as used in paragraphs (c)(6)(i)(B) and (C) of

this section, if measured values are unavailable for any of the 15-minute periods within the hour.

(iii) The provisions of paragraph (c)(6)(i) and (ii) of this section do not apply to any low throughput transfer rack for which the owner or operator has elected to comply with §63.985 or to any storage vessel for which the owner or operator is not required, by the applicable monitoring plan established under §63.985(c)(1), to keep continuous records. If continuous records are required, the owner or operator shall specify in the monitoring plan whether the provisions of paragraphs (c)(6)(i) and (c)(6)(ii) of this section apply.

(d) Requests for approval of monitoring alternatives -(1) Alternatives to the continuous operating parameter monitoring and recordkeeping provisions. Requests for approval to use alternatives to continuous operating parameter monitoring and recordkeeping provisions, as provided for in §63.996(d)(1), shall be submitted as specified in a referencing subpart, and the referencing subpart will govern the review and approval of such requests. The information specified in paragraphs (d)(1)(i) and (ii) of this section shall be included.

(i) A description of the proposed alternative system; and

(ii) Information justifying the owner or operator's request for an alternative method, such as the technical or economic infeasibility, or the impracticality, of the regulated source using the required method.

(2) Monitoring a different parameter than those listed. Requests for approval to monitor a different parameter than those established in §63.996(c)(6) of this section or to set unique monitoring parameters, as provided for in §63.996(d)(2), shall be submitted as specified as specified in a referencing subpart, and the referencing subpart will govern the review and approval of such requests. The information specified in paragraphs (d)(2)(i) through (iii) of this section shall be included in the request.

(i) A description of the parameter(s) to be monitored to ensure the control technology or pollution prevention measure is operated in conformance with its design and achieves the specified emission limit, percent reduction, or nominal efficiency, and an explanation of the criteria used to select the parameter(s);

(ii) A description of the methods and procedures that will be used to demonstrate that the parameter indicates proper operation of the control device, the schedule for this demonstration, and a statement that the owner or operator will establish a range for the monitored parameter(s) as part of the Notification of Compliance Status if required under a referencing subpart, unless this information has already been submitted; and

(iii) The frequency and content of monitoring, recording, and reporting, if monitoring and recording is not continuous, or if reports of daily average values when the monitored parameter value is outside the established range will not be included in periodic reports under paragraph (c) of this section. The rationale for the proposed monitoring, recording, and reporting system shall be included.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 144: General compliance requirements
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2450(a), Subpart FFFF

Item 144.1:
This Condition applies to Emission Unit: R-ESBLG

Item 144.2:
The facility must be in compliance with the emission limits and work practice standards in tables 1-7 to subpart FFFF at all times, except during periods of startup, shutdown, and malfunction (SSM), and the facility must meet the requirements specified in §§63.2455-2490 (or the alternative means of compliance in §63.2495, §63.2500, or §63.2505), except as specified in §63.2450(b)-(s). The facility must meet the notification, reporting, and recordkeeping requirements specified in §§63.2515, 63.2520, and 63.2525.

Condition 145: Startup, shutdown, malfunction requirements
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2450(l), Subpart FFFF

Item 145.1:
This Condition applies to Emission Unit: R-ESBLG

Item 145.2:

§§63.152(f)(7)(ii)-(iv) and 63.998(b)(2)(iii) and (b)(6)(i)(A), which apply to the exclusion of monitoring data collected during periods of startup, shutdown, and malfunction from daily averages, do not apply for the purposes of subpart FFFF.

Condition 146: General reporting requirement clarifications
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2450(m), Subpart FFFF

Item 146.1:
This Condition applies to Emission Unit: R-ESBLG

Item 146.2:
When §§63.2455-63.2490 reference other subparts in part 63 that use the term 'periodic report', it means 'compliance report' for the purposes of subpart FFFF. the compliance report must include the information specified in §63.2520(e), as well as the information specified in referenced subparts.

When there are conflicts between subpart FFFF and referenced subparts for the due dates of reports required by subpart FFFF, reports must be submitted according to the due dates presented in subpart FFFF.

Excused excursions, as defined in subparts G and SS of part 63, are not allowed in subpart FFFF.

Condition 147: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2525, Subpart FFFF

Item 147.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 147.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The facility must keep all records specified in §63.2525(a)-(k) which apply.

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 148: General provisions of subpart A
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2540, Subpart FFFF

Item 148.1:
This Condition applies to Emission Unit: R-ESBLG

Item 148.2:
Table 12 of subpart FFFF lists which parts of the general provisions listed in subpart A of part 63 which apply to the facility.

Condition 149: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.7495(a), Subpart DDDDD

Item 149.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RPH Emission Source: HS255

Item 149.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The owner or operator of a new or reconstructed boiler or process heater must comply with subpart DDDDD by January 31, 2013 or upon startup of the boiler or process heater, whichever is later.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 150: General provisions
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.7565, Subpart DDDDD

Item 150.1:
This Condition applies to Emission Unit: R-ESBLG
Process: RPH Emission Source: HS255

Item 150.2:

Table 10 to subpart DDDDD shows which parts of the General Provisions in 40 CFR 63.1 through 63.15 apply to the facility. The owner or operator is responsible for ensuring they comply with all General Provisions contained in Table 10.

Condition 151: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 151.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RRX

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC
CAS No: 000108-88-3 TOLUENE

Item 151.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The emission limit of 24 pounds/hour reflects 94% control by weight of this process and is confirmed by toluene emissions. SABIC complies with the 81% control requirements of the federally enforceable VOC RACT by maintaining 94% control by weight of toluene in the recovery condensers.

Manufacturer Name/Model Number: TBD
Parameter Monitored: VOC
Upper Permit Limit: 24 pounds per hour
Reference Test Method: TBD
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 152: Closed vent system with nonflare control device
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.982(c), Subpart SS

Item 152.1:
This Condition applies to Emission Unit: R-ESBLG
Process: RT5

Item 152.2:
The facility shall meet the requirements in §63.983 for closed vent systems, the applicable recordkeeping and reporting requirements in §§63.998 and 63.999, and the following:

1) For storage vessels and low throughput transfer racks, the facility shall meet the requirements in §63.985 for nonflare control devices and the monitoring, recordkeeping, and reporting requirements referenced therein. No other provisions of subpart SS apply to low throughput transfer rack emissions or storage vessel emissions vented through a closed vent system to a nonflare control device unless specifically required in the monitoring plan submitted under §63.985(c).

Condition 153: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.983, Subpart SS

Item 153.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT5

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 153.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Closed vent system equipment and operating requirements. Except for closed vent systems operated and maintained under negative pressure, the provisions of this paragraph apply to closed vent systems collecting regulated material from a regulated source.

(1) Collection of emissions. Each closed vent system shall be designed and operated to collect the regulated material vapors from the emission point, and to route the collected vapors to a control device.

(2) Period of operation. Closed vent systems used to comply with the provisions of this subpart shall be operated at all times when emissions are vented to, or collected by, them.

(3) Bypass monitoring. Except for equipment needed for safety purposes such as pressure relief devices, low leg drains, high point bleeds, analyzer vents, and open-ended valves or lines, the owner or operator shall comply with the provisions of either paragraphs (a)(3)(i) or (ii) of this section for each closed vent system that contains bypass lines that could divert a vent stream to the atmosphere.

(i) Properly install, maintain, and operate a flow

indicator that is capable of taking periodic readings. Records shall be generated as specified in §63.998(d)(1)(ii)(A). The flow indicator shall be installed at the entrance to any bypass line.

(ii) Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Records shall be generated as specified in §63.998(d)(1)(ii)(B).

(b) Closed vent system inspection and monitoring requirements. The provisions of this subpart apply to closed vent systems collecting regulated material from a regulated source. Inspection records shall be generated as specified in §63.998(d)(1)(iii) and (iv) of this section.

(1) Except for any closed vent systems that are designated as unsafe or difficult to inspect as provided in paragraphs (b)(2) and (3) of this section, each closed vent system shall be inspected as specified in paragraph (b)(1)(i) or (ii) of this section.

(i) If the closed vent system is constructed of hard-piping, the owner or operator shall comply with the requirements specified in paragraphs (b)(1)(i)(A) and (B) of this section.

(A) Conduct an initial inspection according to the procedures in paragraph (c) of this section; and

(B) Conduct annual inspections for visible, audible, or olfactory indications of leaks.

(2) Any parts of the closed vent system that are designated, as described in §63.998(d)(1)(i), as unsafe to inspect are exempt from the inspection requirements of paragraph (b)(1) of this section if the conditions of paragraphs (b)(2)(i) and (ii) of this section are met.

(i) The owner or operator determines that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with paragraph (b)(1) of this section; and

(ii) The owner or operator has a written plan that requires inspection of the equipment as frequently as practical during safe-to-inspect times. Inspection is not required more than once annually.

(3) Any parts of the closed vent system that are designated, as described in §63.998(d)(1)(i), as difficult-to-inspect are exempt from the inspection requirements of paragraph (b)(1) of this section if the provisions of paragraphs (b)(3)(i) and (ii) of this section apply.

(i) The owner or operator determines that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters (7 feet) above a support surface; and

(ii) The owner or operator has a written plan that requires inspection of the equipment at least once every 5 years.

(4) For each bypass line, the owner or operator shall comply with paragraph (b)(4)(i) or (ii) of this section.

(i) If a flow indicator is used, take a reading at least once every 15 minutes.

(ii) If the bypass line valve is secured in the non-diverting position, visually inspect the seal or closure mechanism at least once every month to verify that the valve is maintained in the non-diverting position, and the vent stream is not diverted through the bypass line.

(c) Closed vent system inspection procedures. The provisions of this paragraph apply to closed vent systems collecting regulated material from a regulated source.

(1) Each closed vent system subject to this paragraph shall be inspected according to the procedures specified in paragraphs (c)(1)(i) through (vii) of this section.

(i) Inspections shall be conducted in accordance with Method 21 of 40 CFR part 60, appendix A, except as specified in this section.

(ii) Except as provided in (c)(1)(iii) of this section, the detection instrument shall meet the performance criteria of Method 21 of 40 CFR part 60, appendix A, except the instrument response factor criteria in section 3.1.2(a) of Method 21 must be for the representative composition of the process fluid and not of each individual VOC in the stream. For process streams that contain nitrogen, air, water, or other inerts that are not

organic HAP or VOC, the representative stream response factor must be determined on an inert-free basis. The response factor may be determined at any concentration for which the monitoring for leaks will be conducted.

(iii) If no instrument is available at the plant site that will meet the performance criteria of Method 21 specified in paragraph (c)(1)(ii) of this section, the instrument readings may be adjusted by multiplying by the representative response factor of the process fluid, calculated on an inert-free basis as described in paragraph (c)(1)(ii) of this section.

(iv) The detection instrument shall be calibrated before use on each day of its use by the procedures specified in Method 21 of 40 CFR part 60, appendix A.

(v) Calibration gases shall be as specified in paragraphs (c)(1)(v)(A) through (C) of this section.

(A) Zero air (less than 10 parts per million hydrocarbon in air); and

(B) Mixtures of methane in air at a concentration less than 10,000 parts per million. A calibration gas other than methane in air may be used if the instrument does not respond to methane or if the instrument does not meet the performance criteria specified in paragraph (c)(1)(ii) of this section. In such cases, the calibration gas may be a mixture of one or more of the compounds to be measured in air.

(C) If the detection instrument's design allows for multiple calibration scales, then the lower scale shall be calibrated with a calibration gas that is no higher than 2,500 parts per million.

(vi) An owner or operator may elect to adjust or not adjust instrument readings for background. If an owner or operator elects not to adjust readings for background, all such instrument readings shall be compared directly to 500 parts per million to determine whether there is a leak. If an owner or operator elects to adjust instrument readings for background, the owner or operator shall measure background concentration using the procedures in this section. The owner or operator shall subtract the background reading from the maximum concentration indicated by the instrument.

(vii) If the owner or operator elects to adjust for background, the arithmetic difference between the maximum concentration indicated by the instrument and the

background level shall be compared with 500 parts per million for determining whether there is a leak.

(2) The instrument probe shall be traversed around all potential leak interfaces as described in Method 21 of 40 CFR part 60, appendix A.

(3) Except as provided in paragraph (c)(4) of this section, inspections shall be performed when the equipment is in regulated material service, or in use with any other detectable gas or vapor.

(d) Closed vent system leak repair provisions. The provisions of this paragraph apply to closed vent systems collecting regulated material from a regulated source.

(1) If there are visible, audible, or olfactory indications of leaks at the time of the annual visual inspections required by paragraph (b)(1)(i)(B) of this section, the owner or operator shall follow the procedure specified in either paragraph (d)(1)(i) or (ii) of this section.

(i) The owner or operator shall eliminate the leak.

(ii) The owner or operator shall monitor the equipment according to the procedures in paragraph (c) of this section.

(2) Leaks, as indicated by an instrument reading greater than 500 parts per million by volume above background or by visual inspections, shall be repaired as soon as practical, except as provided in paragraph (d)(3) of this section. Records shall be generated as specified in §63.998(d)(1)(iii) when a leak is detected.

(i) A first attempt at repair shall be made no later than 5 days after the leak is detected.

(ii) Except as provided in paragraph (d)(3) of this section, repairs shall be completed no later than 15 days after the leak is detected or at the beginning of the next introduction of vapors to the system, whichever is later.

(3) Delay of repair of a closed vent system for which leaks have been detected is allowed if repair within 15 days after a leak is detected is technically infeasible or unsafe without a closed vent system shutdown, as defined in §63.981, or if the owner or operator determines that

emissions resulting from immediate repair would be greater than the emissions likely to result from delay of repair. Repair of such equipment shall be completed as soon as practical, but not later than the end of the next closed vent system shutdown.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 154: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.985, Subpart SS

Item 154.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT5

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 154.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

(a) Nonflare control device equipment and operating requirements. The owner or operator shall operate and maintain the nonflare control device so that the monitored parameters defined as required in paragraph (c) of this section remain within the ranges specified in the Notification of Compliance Status whenever emissions of regulated material are routed to the control device except during periods of start-up, shutdown, and malfunction as specified in the referencing subpart.

(b) Nonflare control device design evaluation or performance test requirements. When using a control device other than a flare, the owner or operator shall comply with the requirements in paragraphs (b)(1)(i) or (ii) of this section, except as provided in paragraphs (b)(2) and (3) of this section.

(1) Design evaluation or performance test results. The owner or operator shall prepare and submit with the Notification of Compliance Status, as specified in

§63.999(b)(2), either a design evaluation that includes the information specified in paragraph (b)(1)(i) of this section, or the results of the performance test as described in paragraph (b)(1)(ii) of this section.

(i) Design evaluation. The design evaluation shall include documentation demonstrating that the control device being used achieves the required control efficiency during the reasonably expected maximum storage vessel filling or transfer loading rate. This documentation is to include a description of the gas stream that enters the control device, including flow and regulated material content, and the information specified in paragraphs (b)(1)(i)(A) through (E) of this section, as applicable. For storage vessels, the description of the gas stream that enters the control device shall be provided for varying liquid level conditions. This documentation shall be submitted with the Notification of Compliance Status as specified in §63.999(b)(2).

(A) The efficiency determination is to include consideration of all vapors, gases, and liquids, other than fuels, received by the control device.

(c) Nonflare control device monitoring requirements. (1) The owner or operator shall submit with the Notification of Compliance Status, a monitoring plan containing the information specified in §63.999(b)(2)(i) and (ii) to identify the parameters that will be monitored to assure proper operation of the control device.

(2) The owner or operator shall monitor the parameters specified in the Notification of Compliance Status or in the operating permit application or amendment. Records shall be generated as specified in §63.998(d)(2)(i).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 155: Requirements for combined emission streams
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2450(c)(2), Subpart FFFF

Item 155.1:
This Condition applies to Emission Unit: R-ESBLG
Process: RT5

Item 155.2:
When organic HAP emissions from different emission types (e.g., continuous process vents, batch process vents, storage tanks, transfer operations, and waste management units) are combined, the facility must determine the applicable requirements based on the hierarchy presented below. For a combined stream, the applicable requirements are specified in the highest-listed item in the hierarchy that applies to any of the individual streams that make up the combined stream. Two exceptions are that the facility must comply with the requirements in table 3 of subpart FFFF and §63.2465 for all process vents with hydrogen halide and halogen HAP emissions, and recordkeeping requirements for group 2 applicability or compliance are still required (e.g., the requirement in §63.2525(f) to track the number of batches produced and calculate rolling annual emissions for processes with group 2 batch process vents).

1- the requirements of table 2 to subpart FFFF and §63.2460 for group 1 batch process vents, including applicable monitoring, recordkeeping, and reporting.

2- The requirements of table 1 to subpart FFFF and §63.2455 for continuous process vents that are routed to a control device, as defined in §63.981, including applicable monitoring, recordkeeping, and reporting.

3- The requirements of table 5 to subpart FFFF and §63.2475 for transfer operations, including applicable monitoring, recordkeeping, and reporting.

4- The requirements of table 7 to subpart FFFF and §63.2485 for emissions from waste management units that are used to manage and treat group 1 wastewater streams and residuals from group 1 wastewater streams, including applicable monitoring, recordkeeping, and reporting.

5- The requirements of table 4 to subpart FFFF and §63.2470 for control of emissions from storage tanks, including applicable monitoring, recordkeeping, and reporting.

6- The requirements in table 1 to subpart FFFF and §63.2455 for continuous process vents after a recovery device including applicable monitoring, recordkeeping, and reporting.

Condition 156: Requirements for control devices
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2450(e)(1), Subpart FFFF

Item 156.1:
This Condition applies to Emission Unit: R-ESBLG
Process: RT5

Item 156.2:
Except when complying with §63.2485, if the facility reduces organic HAP emissions by venting emissions through a closed-vent system to any combination of control devices (except a flare) or recovery devices, the facility must meet the requirements of §63.982(c) and the requirements references therein.

Condition 157: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2470(a), Subpart FFFF

Item 157.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG
Process: RT6

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 157.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
You must meet each emission limit in Table 4 of Subpart FFFF that applies to your storage tanks.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 158: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 158.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00306
Process: RT2 Emission Source: 00306

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 158.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The refrigerated condenser glycol exit temperature less than 30 degress F when tank is filling. RACT is 81 % control. Maintaining the gylcol temperature less than the upper limit guarantees 81% control.)

Parameter Monitored: TEMPERATURE

Upper Permit Limit: 30 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 159: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2450(c)(2), Subpart FFFF

Item 159.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL
CAS No: 000108-88-3 TOLUENE
CAS No: 0NY100-00-0 TOTAL HAP

Item 159.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

The facility shall reduce total Hazardous Air Pollutant (HAP) emissions 95% weight or greater in the scrubber system per 40 CFR 63.2450(c)(2)(v).

According to the engineering calculations, the facility will comply with the requirement if the scrubber operating parameters meet the following operating limits:

1) A blower output of 300 scfm or less
2) A liquid methanol flow rate of at least 1.5 gpm
3) A methanol scrubber gas exit temperature of 68 degrees Fahrenheit or colder
4) A water flow rate of at least 2.0 gpm.

The facility shall calculate a 24 hour average for each of the four parameters which are monitored continuously.

If any or all of the four operating parameters does not meet the aforementioned criteria on a 24 hour average basis (0600 to 0600) the facility shall notify the

department's representative within two working days hours that an operating parameter has not been met. Within 30 days a report shall be submitted to assess whether the applicable emission standard has been met.

Parameter Monitored: TOTAL HAP
Lower Permit Limit: 95 percent by weight
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 160: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 160.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 01305
Process: RT2 Emission Source: RM606

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 160.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This emission source is subject to the Federally enforceable approved New York State SIP requirements for 6 NYCRR Part 212. VOC control is required for Emission Source:RM606 as specified in Table 2 6 NYCRR 212.4(a) and VOC RACT 6 NYCRR 212.10(c)(1). However, the faciltiy has demonstrated that achieving RACT is economically infeasible at the time the permit renewal application in accordance with NYSDEC guidance. Therefore, the current configuration is considered RACT.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 161: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 63.2455(c), Subpart FFFF

Item 161.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 01365
Process: RWS

Regulated Contaminant(s):
CAS No: 0NY100-00-0 TOTAL HAP

Item 161.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:

The facility shall maintain TRE above 1.9 in the scrubber system.

According to the engineering calculations, the facility is in compliance with this requirement if scrubber operating parameters meet the following operating limits:

1) The scrubber water influent temperature be maintained no higher than 70 degrees Fahrenheit
2) The water scrubber water influent flow rate of at least 9 gallons per minute
3) The methanol scrubber liquid methanol influent rate of at least 15 gallons per minute
4) The gas flow rate maximum of 33,000 acfh
5) A methanol scrubber liquid methanol influent temperature no higher than 9.5 degrees Fahrenheit below zero.

The facility shall calculate a 24 hour average for each of the five parameters which are monitored continuously.

If any or all of the five operating parameters does not meet the aforementioned criteria on a 24 hour average basis (0600 to 0600) the facility shall notify the department's representative within two working days that an operating parameter has not been met. Within 30 days a report shall be submitted to assess whether the applicable emission standard has been met.

Parameter Monitored: TRE INDEX VALUE
Lower Permit Limit: 1.9 TRE Index value
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING

DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING
DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 162: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 162.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 01365
Process: RWS Emission Source: IVSMS

Regulated Contaminant(s):
CAS No: 000067-56-1 METHYL ALCOHOL

Item 162.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL
DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Operation of the IVS scrubbers meets 99% control requirement for methanol and this also satifies the 81% control requirement for VOC when scrubber operating parameters meet the following operating limits:

1) The scrubber water influent temperature be maintained no higher than 70 degrees Fahrenheit
2) The water scrubber water influent flow rate of at least 9 gallons per minute
3) The methanol scrubber liquid methanol influent rate of at least 15 gallons per minute
4) The gas flow rate maximum of 33,000 acfh
5) A methanol scrubber liquid methanol influent temperature no higher than 9.5 degrees Fahrenheit below zero.

The facility shall calculate a 24 hour average for each of the five parameters which are monitored continuously.

If any or all of the five operating parameters does not meet the aforementioned criteria on a 24 hour average basis (0600 to 0600) the facility shall notify the department's representative within two working days that

an operating parameter has not been met. Within 30 days a report shall be submitted to assess whether the applicable emission standard has been met.

Manufacturer Name/Model Number: NA
Parameter Monitored: METHYL ALCOHOL
Upper Permit Limit: 99 percent by weight
Reference Test Method: TBD
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 163: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 163.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 01365
Process: RWS Emission Source: IVSMS

Regulated Contaminant(s):
CAS No: 000108-88-3 TOLUENE

Item 163.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Operation of the IVS scrubbers meets 99% control requirement for toluene and this also satifies the 81% control requirement for VOC when scrubber operating parameters meet the following operating limits:

1) The scrubber water influent temperature be maintained no higher than 70 degrees Fahrenheit
2) The water scrubber water influent flow rate of at least 9 gallons per minute
3) The methanol scrubber liquid methanol influent rate of at least 15 gallons per minute
4) The gas flow rate maximum of 33,000 acfh
5) A methanol scrubber liquid methanol influent temperature no higher than 9.5 degrees Fahrenheit below zero.

The facility shall calculate a 24 hour average for each of the five parameters which are monitored continuously.

If any or all of the five operating parameters does not meet the aforementioned criteria on a 24 hour average basis (0600 to 0600) the facility shall notify the department's representative within two working days that an operating parameter has not been met. Within 30 days a report shall be submitted to assess whether the applicable emission standard has been met.

Manufacturer Name/Model Number: NA
Parameter Monitored: TOLUENE
Upper Permit Limit: 99 percent by weight
Reference Test Method: TBD
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 164: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 164.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 01366
Process: RPV Emission Source: 01366

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC
CAS No: 000108-88-3 TOLUENE

Item 164.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
A continuous calculation employing real-time process variables calculates toluene emissions continuously. Toluene ERP is 38,180 lb/hr, 99% control (381 lb/hr) is required by table 2, Part 212. Maintaining toluene emissions less than the upper limit guarantees 99% control). Part 212.10 VOC RACT is also satisfied with this level of control.

Manufacturer Name/Model Number: NA
Parameter Monitored: TOLUENE
Upper Permit Limit: 381 pounds per hour
Reference Test Method: TBD
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 165: Compliance Certification
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 165.1:
The Compliance Certification activity will be performed for:

Emission Unit: R-ESBLG Emission Point: 01379
Process: RT4 Emission Source: T1379

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 165.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The facility monitors carbon bed monthly for breakthrough (as measured by an FID reading of 10 PPM or higher). If the breakthrough occurs, the unit will be changed out within 5 days. Averaging method is an annual average. This satisfies the 81% control by weight requirement of the federally approved SIP requirements at 6 NYCRR 212.10(c) VOC RACT.

Parameter Monitored: VOC
Lower Permit Limit: 81 percent
Reference Test Method: EPA METHOD 21
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 166: Compliance Certification

Effective between the dates of 07/01/2020 and 06/30/2025

Applicable Federal Requirement:40CFR 52.1670, Subpart HH

Item 166.1:
The Compliance Certification activity will be performed for:

Emission Unit: S-FSBLG
Process: FEX Emission Source: C2593

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 166.2:
Compliance Certification shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Minimum exhaust gas temperature of recuperative thermal oxidizer shall be maintained while the oxidizer is burning vents. This control device also satisfies VOC RACT requirements.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1275 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

STATE ONLY ENFORCEABLE CONDITIONS
****** Facility Level ******

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS
This section contains terms and conditions which are not federally enforceable. Permittees may also have other obligations under regulations of general applicability

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency, as defined by subpart 201-2, constitutes an affirmative defense to penalties sought in an enforcement action brought by the Department for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

(1) An emergency occurred and that the facility owner or operator can identify the cause(s) of the emergency;
(2) The equipment at the permitted facility causing the emergency was at the time being properly operated and maintained;
(3) During the period of the emergency the facility owner or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
(4) The facility owner or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: **General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5**
Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and

standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

STATE ONLY APPLICABLE REQUIREMENTS

The following conditions are state applicable requirements and are not subject to compliance certification requirements unless otherwise noted or required under 6 NYCRR Part 201.

Condition 167: Contaminant List
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:ECL 19-0301

Item 167.1:
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 000067-56-1
Name: METHYL ALCOHOL

CAS No: 000067-66-3
Name: CHLOROFORM

CAS No: 000071-43-2
Name: BENZENE

CAS No: 000075-07-0
Name: ACETALDEHYDE

CAS No: 000095-48-7
Name: 2-METHYL-PHENOL

CAS No: 000098-82-8
Name: BENZENE, (1-METHYLETHYL)

CAS No: 000100-41-4
Name: ETHYLBENZENE

CAS No: 000100-42-5
Name: STYRENE

CAS No: 000107-13-1
Name: PROPENENITRILE

CAS No: 000108-88-3
Name: TOLUENE

CAS No: 000108-95-2
Name: PHENOL

CAS No: 001330-20-7
Name: XYLENE, M, O & P MIXT.

CAS No: 007439-92-1
Name: LEAD

CAS No: 007439-96-5
Name: MANGANESE

CAS No: 007440-02-0
Name: NICKEL METAL AND INSOLUBLE COMPOUNDS

CAS No: 007440-43-9
Name: CADMIUM

CAS No: 007440-47-3
Name: CHROMIUM

CAS No: 0NY075-00-0
Name: PARTICULATES

CAS No: 0NY100-00-0
Name: TOTAL HAP

CAS No: 0NY998-00-0
Name: VOC

Condition 168: Malfunctions and start-up/shutdown activities
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 201-1.4

Item 168.1:
(a) The facility owner or operator shall take all necessary and appropriate actions to prevent the emission of air pollutants that result in contravention of any applicable emission standard during periods of start-up, shutdown, or malfunction.

(b) The facility owner or operator shall compile and maintain records of all equipment

malfunctions, maintenance, or start-up/shutdown activities when they can be expected to result in an exceedance of any applicable emission standard, and shall submit a report of such activities to the department when requested to do so, or when so required by a condition of a permit issued for the corresponding air contamination source. Such reports shall state whether any violations occurred and, if so, whether they were unavoidable, include the time, frequency and duration of the maintenance and/or start-up/shutdown activities, and an estimate of the emission rates of any air contaminants released. Such records shall be maintained for a period of at least five years and made available for review to department representatives upon request. Facility owners or operators subject to continuous stack monitoring and quarterly reporting requirements need not submit additional reports for equipment maintenance or start-up/shutdown activities for the facility to the department.

(c) In the event that emissions of air contaminants in excess of any emission standard in this Subchapter occur due to a malfunction, the facility owner or operator shall compile and maintain records of the malfunction and notify the department as soon as possible during normal working hours, but not later than two working days after becoming aware that the malfunction occurred. When requested by the department, the facility owner or operator shall submit a written report to the department describing the malfunction, the corrective action taken, identification of air contaminants, and an estimate of the emission rates.

(d) The department may also require the owner or operator to include, in reports described under Subdivisions (b) and (c) of this Section, an estimate of the maximum ground level concentration of each air contaminant emitted and the effect of such emissions.

(e) A violation of any applicable emission standard resulting from start-up, shutdown, or malfunction conditions at a permitted or registered facility may not be subject to an enforcement action by the department and/or penalty if the department determines, in its sole discretion, that such a violation was unavoidable. The actions and recordkeeping and reporting requirements listed above must be adhered to in such circumstances.

Condition 169: CLCPA Applicability
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 201-6.5 (a)

Item 169.1:
Pursuant to The New York State Climate Leadership and Community Protection Act (CLCPA) and Article 75 of the Environmental Conservation Law, emission sources shall comply with regulations to be promulgated by the Department to ensure that by 2030 statewide greenhouse gas emissions are reduced by 40% of 1990 levels, and by 2050 statewide greenhouse gas emissions are reduced by 85% of 1990 levels.

Condition 170: Air pollution prohibited
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 211.1

Item 170.1:
No person shall cause or allow emissions of air contaminants to the outdoor atmosphere of such quantity, characteristic or duration which are injurious to human, plant or animal life or to

property, or which unreasonably interfere with the comfortable enjoyment of life or property. Notwithstanding the existence of specific air quality standards or emission limits, this prohibition applies, but is not limited to, any particulate, fume, gas, mist, odor, smoke, vapor, pollen, toxic or deleterious emission, either alone or in combination with others.

Condition 171: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-1.5 (e) (2)

Item 171.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: A-PAREA Emission Point: 00282

Emission Unit: A-PAREA Emission Point: 01252
Process: AT5

Emission Unit: A-PAREA Emission Point: 00704
Process: AT6

Emission Unit: A-PAREA Emission Point: 00284
Process: HOF

Emission Unit: H-IPSBG Emission Point: 03041
Process: HPV

Emission Unit: H-IPSBG
Process: HT3

Emission Unit: R-ESBLG Emission Point: 01366
Process: RPV

Emission Unit: R-ESBLG
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00306
Process: RT2

Emission Unit: R-ESBLG Emission Point: 01305
Process: RT2 Emission Source: RM606

Emission Unit: R-ESBLG Emission Point: 01305
Process: RT3 Emission Source: RM605

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Emission Unit: R-ESBLG

Process: RWS

Regulated Contaminant(s):

CAS No: 000095-48-7	2-METHYL-PHENOL
CAS No: 000098-82-8	BENZENE, (1-METHYLETHYL)
CAS No: 000108-88-3	TOLUENE
CAS No: 000108-95-2	PHENOL
CAS No: 000067-56-1	METHYL ALCOHOL

Item 171.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:

The requirements in Part 212 for emissions of individual HAPs regulated by a Federal standard from a process emission source are satisfied for each individual HAP regulated by a Federal NESHAP under 40 CFR parts 61 or 63 where the facility is in compliance with the relevant Federal regulation. This condition does not apply to HTACs found in §212-2.2, Table 2 – High Toxicity Air Contaminant List.

Methodologies to demonstrate compliance with the applicable MACT for each process emission source satisfy the requirements of this condition to demonstrate compliance with Part 212 for a regulated HAP. No additional monitoring or recordkeeping is required beyond that required by the Federal Standard or an explicit requirement in another condition in this permit. A Compliance Certification will be submitted annually.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2021.
Subsequent reports are due every 12 calendar month(s).

Condition 172: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-2.1 (a)

Item 172.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: C-XPRSS
Process: CXP Emission Source: 05000

Emission Unit: S-FSBLG

Process: FEX Emission Source: C2581

Emission Unit: S-FSBLG
Process: FEX Emission Source: C2593

Emission Unit: W-TAREA
Process: WPV Emission Source: 00717

Emission Unit: W-TAREA
Process: WPV Emission Source: 00718

Emission Unit: W-TAREA
Process: WPV Emission Source: 00727

Emission Unit: W-TAREA
Process: WT1 Emission Source: 00709

Regulated Contaminant(s):
CAS No: 000067-66-3 CHLOROFORM
CAS No: 000107-13-1 PROPENENITRILE

Item 172.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each of the regulated contaminants is a High Toxicity Air Contaminant (HTAC). Actual emission rates of the HTACs that are emitted from the Part 212 subject sources at the facility are less than their respective Mass Emission Limits (MELs) in Table 2 of Part 212. HTACs that are emitted at rates below their respective MELs have satisfied the requirements of Part 212, per 212-2.1(a). The facility will retain records that illustrate that the actual annual emissions of these HTACs from these Part 212 subject sources remained below the respective MEL, as calculated in the Annual Emission Statement required by 202-2.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2021.
Subsequent reports are due every 12 calendar month(s).

Condition 173: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-2.1 (b)

Item 173.1:
The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: S-FSBLG Emission Point: 02581
Process: FEX

Regulated Contaminant(s):
CAS No: 000100-41-4 ETHYLBENZENE
CAS No: 000075-07-0 ACETALDEHYDE

Item 173.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS
Monitoring Description:
An electronic Process Control System (PCS) continuously logs production output and indicates when to change carbon beds (after 15.3 million pounds, or 7,650 tons, of product have been produced). Monitoring and recordkeeping is automated within the PCS. Each regulated contaminant has an Environmental Rating of A and is emitted from this emission point with an ERP of less than 0.1 pounds per hour. The control required per Table 4 is to meet the Guideline Concentration using air dispersion modeling. Off-site impact modeling was conducted for each compound while operating in its worst-emitting scenario. Each compound demonstrated a maximum off-site concentration below its respective AGC/SGC thresholds, as shown in the renewal application.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PRODUCT
Upper Permit Limit: 7650 tons
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 174: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-2.1 (b)

Item 174.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: S-FSBLG Emission Point: 00567
Process: FSH

Emission Unit: S-FSBLG Emission Point: 00573
Process: FSH

Regulated Contaminant(s):
CAS No: 007439-96-5 MANGANESE
CAS No: 007440-02-0 NICKEL METAL AND INSOLUBLE COMPOUNDS
CAS No: 007440-43-9 CADMIUM
CAS No: 007440-47-3 CHROMIUM
CAS No: 007439-92-1 LEAD

Item 174.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
Each of the regulated contaminants is an A-rated compound under Part 212. The requirements for control of A-rated compounds emitted as particulate matter from this emission point are in Table 4 of Part 212. Because the ERP for each regulated contaminant listed above that is emitted from each of these emission points is <10 lb/hr, the control requirement is 99%. The efficiency of each of the control devices required by this permit (C0567 and C0573) for these emission points satisfies this requirement.

Monitoring Frequency: ANNUALLY
Reporting Requirements: ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 7/30/2021.
Subsequent reports are due every 12 calendar month(s).

Condition 175: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-2.1 (b)

Item 175.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: S-FSBLG
Process: FEX Emission Source: C2593

Regulated Contaminant(s):
CAS No: 000100-41-4 ETHYLBENZENE
CAS No: 000075-07-0 ACETALDEHYDE

Item 175.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The exhaust gas temperature of the recuperative thermal oxidizer shall be maintained at not less than the lower permit limit while the oxidizer is burning vents. Each regulated contaminant has an Environmental Rating of A and is emitted from this emission point with an ERP of less than 0.1 pounds per hour. The control required per Table 4 is to meet the Guideline Concentration using air dispersion modeling. Off-site impact modeling was conducted for each compound while operating in its worst-emitting scenario. Each compound demonstrated a maximum off-site concentration below its respective AGC/SGC thresholds, as shown in the renewal application.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1275 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 176: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-2.4 (b)

Item 176.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: A-PAREA
Process: ASH

Emission Unit: A-PAREA
Process: HOF

Emission Unit: C-XPRSS Emission Point: 05004
Process: CXP

Emission Unit: C-XPRSS Emission Point: 05005
Process: CXP

Emission Unit: H-IPSBG Emission Point: 03012
Process: HPV Emission Source: 03012

Emission Unit: R-ESBLG Emission Point: 00337
Process: RSH Emission Source: 00337

Emission Unit: R-ESBLG Emission Point: 00367
Process: RSH Emission Source: 00367

Emission Unit: R-ESBLG Emission Point: 00368
Process: RSH Emission Source: 00368

Emission Unit: R-ESBLG Emission Point: 00369
Process: RSH Emission Source: 00369

Emission Unit: R-ESBLG Emission Point: 00370
Process: RSH Emission Source: 00370

Emission Unit: R-ESBLG Emission Point: 01378
Process: RSH Emission Source: 01378

Emission Unit: R-ESBLG Emission Point: 01395
Process: RSH Emission Source: 01395

Emission Unit: S-FSBLG Emission Point: 02593
Process: FPV Emission Source: RECUP

Emission Unit: S-FSBLG Emission Point: 00555
Process: FSH Emission Source: 00555

Emission Unit: S-FSBLG Emission Point: 00561
Process: FSH Emission Source: 00561

Emission Unit: S-FSBLG Emission Point: 00567
Process: FSH Emission Source: 00567

Emission Unit: S-FSBLG Emission Point: 00573
Process: FSH Emission Source: 00573

Emission Unit: S-FSBLG Emission Point: 01583
Process: FSH Emission Source: 01583

Emission Unit: S-FSBLG Emission Point: 01584
Process: FSH Emission Source: 01584

Emission Unit: S-FSBLG Emission Point: 01587
Process: FSH Emission Source: 01587

Emission Unit: S-FSBLG Emission Point: 01588
Process: FSH Emission Source: 01588

Emission Unit: S-FSBLG Emission Point: 01592
Process: FSH Emission Source: 01592

Emission Unit: S-FSBLG Emission Point: 02600
Process: FSH Emission Source: 02600

Emission Unit: S-FSBLG Emission Point: 02601

Process: FSH Emission Source: 02601

Emission Unit: S-FSBLG Emission Point: 02749
Process: FSH Emission Source: 02749

Emission Unit: S-FSBLG Emission Point: 02617
Process: FSH Emission Source: C2617

Regulated Contaminant(s):
CAS No: 0NY075-00-0 PARTICULATES

Item 176.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
A visual emission observation must take place once every two months during daylight hours while the emission point(s) and/or emission source(s) (EP/ES) identified for this condition are in operation.
The facility owner/operator shall conduct a visible emissions observation once every two months to determine the presence or absence of visible emissions from an EP/ES when the facility is operating. The observation shall be conducted during daylight hours, except during conditions of extreme weather (fog, snow, rain).

Observation of visible emissions at an EP/ES requires that a follow-up observation be performed the next operating day. Observations of visible emissions for two consecutive operating days at the same EP/ES requires that a Method 9 determination be performed for that EP/ES no later than two operating days after the follow-up observation.

The Regional Air Pollution Control Engineer (RAPCE) shall be notified within one business day of performing the Method 9 determination if the opacity standard is exceeded. The notification shall include a description of corrective actions taken and/or to be taken. No person shall cause or allow emissions having an average opacity during any six consecutive minutes of 20 percent or greater from any process emission source, except only the emission of uncombined water.

The Department reserves the right to perform or require the performance of a Method 9 determination at any time during facility operation.

Parameter Monitored: OPACITY
Upper Permit Limit: 20 percent
Reference Test Method: Method 9

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD AS PER REFERENCE TEST METHOD INDICATED
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 177: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-3.1

Item 177.1:
The Compliance Demonstration activity will be performed for the Facility.

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 177.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
This emission source RM 606 VOC ERP is greater than 3 pounds per hour, therefore 6 NYCRR 212-3.1(c)(1) which require 81% control. Although the current configuration cannot meet 81% control, the facility has demonstrated that achieving RACT is economically infeasible at the time that the 2018 permit renewal application in accordance with NYSDEC guidance. Therefore, the current configuration is considered RACT.

Monitoring Frequency: SINGLE OCCURRENCE
Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

Condition 178: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-3.1 (c) (4) (i)

Item 178.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: A-PAREA Emission Point: 00282
Process: AT3

Emission Unit: A-PAREA Emission Point: 01252
Process: AT5

Emission Unit: A-PAREA Emission Point: 00284
Process: HOF

Emission Unit: H-IPSBG
Process: HT3

Emission Unit: R-ESBLG Emission Point: 01366
Process: RPV

Emission Unit: R-ESBLG Emission Point: 00312
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00313
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00314
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00343
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00344
Process: RRX

Emission Unit: R-ESBLG Emission Point: 00306
Process: RT2

Emission Unit: R-ESBLG Emission Point: 01305
Process: RT2

Emission Unit: R-ESBLG Emission Point: 01379
Process: RT4

Emission Unit: R-ESBLG Emission Point: 00460
Process: RT5

Emission Unit: R-ESBLG Emission Point: 01355
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01356
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01357
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01358
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01359
Process: RWS

Emission Unit: R-ESBLG Emission Point: 01365

Process: RWS

Emission Unit: S-FSBLG
Process: FEX Emission Source: C2581

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 178.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
These process sources / emission points are subject to the requirements of VOC RACT regulations at 6 NYCRR 212-3.1(c)(4)(i). The facility shall achieve a minimum 81 percent control by weight of total VOC for these emissions.

Parameter Monitored: VOC
Lower Permit Limit: 81 percent by weight
Reference Test Method: AS DESCRIBED IN PARAMETRIC MONITORING
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: MINIMUM - NOT TO FALL BELOW STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 179: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-3.1 (c) (4) (i)

Item 179.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: S-FSBLG Emission Point: 02581
Process: FEX

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 179.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: WORK PRACTICE INVOLVING SPECIFIC OPERATIONS

Monitoring Description:
An electronic Process Control System (PCS) continuously logs production output and indicates when to change carbon beds (after 15.3 million pounds, or 7,650 tons, of product has been produced). Monitoring and recordkeeping is automated within the PCS. VOC RACT requires 81% control of VOC, which is achieved while operating in either Mode 1 or Mode 2, as described in the application.

Work Practice Type: PROCESS MATERIAL THRUPUT
Process Material: PRODUCT
Upper Permit Limit: 7650 tons
Monitoring Frequency: CONTINUOUS
Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE - SEE MONITORING DESCRIPTION
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 180: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-3.1 (c) (4) (i)

Item 180.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: A-PAREA
Process: HOF

Item 180.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES
Monitoring Description:
The Hot Oil Furnace (HOF) burns waste fuels, fuel oil, and natural gas. Gaseous VOC's from the emission unit are introduced to the HOF at a rate of >3lb/hr. 6 NYCRR 212-3.1(c) requires 81% control. The HOF has demonstrated a DRE of 99.99% with toluene, ensuring compliance with VOC RACT. The furnace is RACT.

Monitoring Frequency: HOURLY
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 181: Compliance Demonstration

Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-3.1 (c) (4) (i)

Item 181.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: S-FSBLG
Process: FEX Emission Source: C2593

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 181.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
The exhaust gas temperature of the recuperative thermal oxidizer shall be maintained at not less than the lower permit limit while the oxidizer is burning vents. This control device satisfies the VOC RACT requirement of 81%.

Parameter Monitored: TEMPERATURE
Lower Permit Limit: 1275 degrees Fahrenheit
Monitoring Frequency: CONTINUOUS
Averaging Method: 24-HOUR AVERAGE
Reporting Requirements: SEMI-ANNUALLY (CALENDAR)
Reports due 30 days after the reporting period.
The initial report is due 1/30/2021.
Subsequent reports are due every 6 calendar month(s).

Condition 182: Compliance Demonstration
Effective between the dates of 07/01/2020 and 06/30/2025

Applicable State Requirement:6 NYCRR 212-3.1 (c) (4) (i)

Item 182.1:
The Compliance Demonstration activity will be performed for the facility:
The Compliance Demonstration applies to:

Emission Unit: R-ESBLG Emission Point: 01379
Process: RT4 Emission Source: T1379

Regulated Contaminant(s):
CAS No: 0NY998-00-0 VOC

Item 182.2:
Compliance Demonstration shall include the following monitoring:

Monitoring Type: MONITORING OF PROCESS OR CONTROL DEVICE PARAMETERS AS SURROGATE
Monitoring Description:
Monitor carbon bed monthly with an FID for breakthrough (as measured by an FID reading of 10 PPM or higher). If a breakthrough occurs, the carbon bed shall be changed out within 5 days. This satisfies the 81% control requirement in 6 NYCRR 212-3.1(c) VOC RACT.

Parameter Monitored: VOC
Lower Permit Limit: 81 percent by weight
Reference Test Method: EPA Method 21
Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION
Averaging Method: AVERAGING METHOD - SEE MONITORING DESCRIPTION
Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY