



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**IDENTIFICATION INFORMATION**

Permit Type: Air State Facility  
Permit ID: 4-1250-00018/00282  
Effective Date: 05/30/2017 Expiration Date: 05/29/2027

Permit Issued To: AMPHENOL CORPORATION  
358 HALL AVE  
PO BOX 384  
WALLINGFORD, CT 06492-0384

Contact: JOE BIANCHI  
AMPHENOL CORP  
40-60 DELAWARE AVE  
SIDNEY, NY 13838  
(607) 563-5940

Facility: AMPHENOL CORP - AEROSPACE OPERATIONS  
40-60 DELAWARE AVE  
SIDNEY, NY 13838

**Description:**

This air state facility permit application will replace the Title V facility permit for Amphenol Corporation's Aerospace Operations facility in Sidney, NY. Significant changes have occurred at the facility since the issuance of the facility's existing Title V facility permit, resulting in the elimination of many emission sources and a significant reduction in the facility's emissions. Accordingly, the facility is no longer a major source of emissions, and is therefore eligible to be permitted with a state facility permit.

Due to the reduction in emissions of hazardous air pollutants resulting from the changes to the facility, this facility is now considered to be an area source of hazardous air pollutant emissions. Accordingly, the facility's existing electroplating operations are subject to the requirements of 40 CFR 63 Subpart WWWW.

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: MARTHA A BELLINGER  
NYSDEC - STAMFORD SUBOFFICE  
65561 ST RTE 10 STE 1  
STAMFORD, NY 12167

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.



**LIST OF CONDITIONS**

**DEC GENERAL CONDITIONS**

**General Provisions**

- Facility Inspection by the Department
- Relationship of this Permit to Other Department Orders and Determinations
- Applications for permit renewals, modifications and transfers
- Permit modifications, suspensions or revocations by the Department

**Facility Level**

- Submission of application for permit modification or renewal-REGION 4 SUBOFFICE - STAMFORD



**DEC GENERAL CONDITIONS**  
**\*\*\*\* General Provisions \*\*\*\***  
**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.

**Item 3.2:**

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**  
**SUBOFFICE - STAMFORD**  
**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 Sub-office  
Division of Environmental Permits  
65561 State Highway 10, Suite 1  
Stamford, NY 12167-9503  
(607) 652-7364

**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



**Permit Under the Environmental Conservation Law (ECL)**

**ARTICLE 19: AIR POLLUTION CONTROL - AIR STATE FACILITY  
PERMIT**

**IDENTIFICATION INFORMATION**

Permit Issued To: AMPHENOL CORPORATION  
358 HALL AVE  
PO BOX 384  
WALLINGFORD, CT 06492-0384

Facility: AMPHENOL CORP - AEROSPACE OPERATIONS  
40-60 DELAWARE AVE  
SIDNEY, NY 13838

Authorized Activity By Standard Industrial Classification Code:  
3471 - ELECTROPLATING, POLISHING, ANODIZING, AND COLORING  
3674 - SEMICONDUCTORS & RELATED DEVICES  
3678 - ELECTRONIC CONNECTORS

Permit Effective Date: 05/30/2017

Permit Expiration Date: 05/29/2027



## LIST OF CONDITIONS

### FEDERALLY ENFORCEABLE CONDITIONS

#### Facility Level

- 1 6 NYCRR 211.1: Air pollution prohibited
- 2 40CFR 63, Subpart A: General Provisions
- 3 40CFR 63.7881(c), Subpart GGGGG: Compliance Demonstration
- 4 40CFR 63.11507(a)(1), Subpart WWWWWW: Compliance Demonstration
- 5 40CFR 63.11507(g), Subpart WWWWWW: Compliance Demonstration
- 6 40CFR 63.11508(d), Subpart WWWWWW: Compliance Demonstration
- 7 40CFR 63.11509(c), Subpart WWWWWW: Compliance Demonstration
- 8 40CFR 63.11509(d), Subpart WWWWWW: Compliance Demonstration
- 9 40CFR 63.11509(e), Subpart WWWWWW: Compliance Demonstration

#### Emission Unit Level

##### EU=P-LATNG,Proc=CAD

- 10 40CFR 63.11507(d), Subpart WWWWWW: Compliance Demonstration

##### EU=P-LATNG,Proc=CHR

- 11 40CFR 63.342(c)(1)(ii), Subpart N: Compliance Demonstration
- 12 40CFR 63.342(c)(1)(v), Subpart N: PFOS Fume Suppressants
- 13 40CFR 63.342(f)(1), Subpart N: Applicability of work practice standards
- 14 40CFR 63.342(f)(2), Subpart N: Acceptable work practices
- 15 40CFR 63.342(f)(3), Subpart N: Compliance Demonstration
- 16 40CFR 63.342(g), Subpart N: Compliance with emission standard
- 17 40CFR 63.343(c)(1)(ii), Subpart N: Compliance Demonstration
- 18 40CFR 63.346(b), Subpart N: Compliance Demonstration
- 19 40CFR 63.347(h)(1), Subpart N: Compliance Demonstration
- 20 40CFR 63.347(h)(2), Subpart N: Compliance Demonstration

### STATE ONLY ENFORCEABLE CONDITIONS

#### Facility Level

- 21 ECL 19-0301: Contaminant List
- 22 6 NYCRR 201-1.4: Malfunctions and start-up/shutdown activities
- 23 6 NYCRR Subpart 201-5: Emission Unit Definition
- 24 6 NYCRR 201-5.2 (c): Renewal deadlines for state facility permits
- 25 6 NYCRR 201-5.3 (c): Compliance Demonstration
- 26 6 NYCRR 211.2: Visible Emissions Limited

#### Emission Unit Level

- 27 6 NYCRR Subpart 201-5: Emission Point Definition By Emission Unit
- 28 6 NYCRR Subpart 201-5: Process Definition By Emission Unit



**FEDERALLY ENFORCEABLE CONDITIONS**

**\*\*\*\* Facility Level \*\*\*\***

**NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS**

**This section contains terms and conditions which are federally enforceable. Permittees may also have other obligations under regulations of general applicability**

**Item A: Sealing - 6 NYCRR 200.5**

The Commissioner may seal an air contamination source to prevent its operation if compliance with 6 NYCRR Chapter III is not met within the time provided by an order of the Commissioner issued in the case of the violation.

Sealing means labeling or tagging a source to notify any person that operation of the source is prohibited, and also includes physical means of preventing the operation of an air contamination source without resulting in destruction of any equipment associated with such source, and includes, but is not limited to, bolting, chaining or wiring shut control panels, apertures or conduits associated with such source.

No person shall operate any air contamination source sealed by the Commissioner in accordance with this section unless a modification has been made which enables such source to comply with all requirements applicable to such modification.

Unless authorized by the Commissioner, no person shall remove or alter any seal affixed to any contamination source in accordance with this section.

**Item B: Acceptable Ambient Air Quality - 6 NYCRR 200.6**

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.

**Item C: Maintenance of Equipment - 6 NYCRR 200.7**

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.

**Item D: Unpermitted Emission Sources - 6 NYCRR 201-1.2**

If an existing emission source was subject to the permitting requirements of 6 NYCRR Part 201 at the time of construction or modification, and the owner and/or operator failed to apply for a permit for such emission source then the following provisions apply:

(a) The owner and/or operator must apply for a permit for such emission source or register the facility in accordance with the provisions of Part 201.

(b) The emission source or facility is subject to all regulations that were applicable to it at the time of construction or modification and any subsequent requirements applicable to existing sources or facilities.

**Item E: Recycling and Salvage - 6 NYCRR 201-1.7**

Where practical, any person who owns or operates an air contamination source shall recycle or salvage air contaminants collected in an air cleaning device according to the requirements of 6 NYCRR.

**Item F: Prohibition of Reintroduction of Collected Contaminants to the Air - 6 NYCRR 201-1.8**

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.

**Item G: Proof of Eligibility for Sources Defined as Exempt Activities - 6 NYCRR 201-3.2 (a)**

The owner and/or operator of an emission source or unit that is eligible to be exempt, may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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.

**Item H: Proof of Eligibility for Sources Defined as Trivial**



**Activities - 6 NYCRR 201-3.3 (a)**

The owner and/or operator of an emission source or unit that is listed as being trivial in 6 NYCRR Part 201 may be required to certify that it operates within the specific criteria described in 6 NYCRR Subpart 201-3. The owner or operator of any such emission source 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 which contains emission sources or units subject to 6 NYCRR Subpart 201-3, 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.

**Item I: Required Emission Tests - 6 NYCRR 202-1.1**

An acceptable report of measured emissions shall be submitted, as may be required by the Commissioner, to ascertain compliance or noncompliance with any air pollution code, rule, or regulation. Failure to submit a report acceptable to the Commissioner within the time stated shall be sufficient reason for the Commissioner to suspend or deny an operating permit. Notification and acceptable procedures are specified in 6 NYCRR Subpart 202-1.

**Item J: Open Fires Prohibitions - 6 NYCRR 215.2**

Except as allowed by section 215.3 of 6 NYCRR Part 215, no person shall burn, cause, suffer, allow or permit the burning of any materials in an open fire.

**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.

**FEDERAL APPLICABLE REQUIREMENTS**

**The following conditions are federally enforceable.**

**Condition 1: Air pollution prohibited**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:6 NYCRR 211.1**

**Item 1.1:**

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 2: General Provisions**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63, Subpart A**

**Item 2.1:**

This emission source is subject to the applicable provisions of 40 CFR 63 Subpart A. The facility owner is responsible for complying with all applicable technical, administrative and reporting requirements.

**Condition 3: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.7881(c), Subpart GGGGG**

**Item 3.1:**

The Compliance Demonstration activity will be performed for the Facility.

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

**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



**Item 3.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

If the following criteria are met, the site remediation activities conducted at this facility are only subject to the record keeping requirements specified in this condition for 40 CFR 63 Subpart GGGGG:

1) Before beginning site remediation, the facility owner or operator must determine that the total quantity of the HAP listed in Table 1 of Subpart GGGGG which is contained in the remediation material that will be excavated, extracted, pumped, or otherwise removed during the site remediation is less than 1 Mg per year (1.102 tons/year).

2) The facility must prepare and maintain written documentation to support the determination of the total HAP quantity used to demonstrate compliance with #1 above. This documentation must include a description of the methodology used and any data used for determining the total HAP content of the material.

3) This exemption may be applied to more than one site remediation activity conducted at the facility provided that the total quantity of HAP listed in Table 1 of Subpart GGGGG for all of the site remediation activities exempted under this provision is less than 1 Mg/year (1.102 tons/year).

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 4: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement: 40CFR 63.11507(a)(1), Subpart**  
**WWWWW**

**Item 4.1:**

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

Emission Unit: P-LATNG  
Process: CAD

Emission Unit: P-LATNG  
Process: NIK

**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



**Item 4.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of a non-cyanide electroplating, electroforming, or electropolishing tank (electrolytic process tank) that contains one or more of the plating and polishing metal HAP and operates at a pH of less than 12 must use a wetting agent/fume suppressant in the bath of the affected tank, as defined in 40 CFR 63.11511 and according to paragraphs (i) through (iii) below.

(i) The owner or operator must initially add the wetting agent/fume suppressant in the amounts recommended by the manufacturer for the specific type of electrolytic process.

(ii) The owner or operator must add wetting agent/fume suppressant in proportion to the other bath chemistry ingredients that are added to replenish the bath, as in the original make-up of the bath, or in proportions such that the bath contents are returned to that of the original make-up of the bath.

(iii) If a wetting agent/fume suppressant is included in the electrolytic process bath chemicals used in the affected tank according to the manufacturer's instructions, it is not necessary to add additional wetting agent/fume suppressants to the tank to comply with this condition.

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 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

**Condition 5: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement: 40CFR 63.11507(g), Subpart**  
**WWWWWW**

**Item 5.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: P-LATNG

Process: CAD



Emission Unit: P-LATNG  
Process: NIK

**Item 5.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected new or existing plating and polishing process unit that contains, applies, or emits one or more of the plating and polishing metal HAP must implement the applicable management practices in paragraphs (1) through (12), as practicable.

(1) Minimize bath agitation when removing any parts processed in the tank, as practicable except when necessary to meet part quality requirements.

(2) Maximize the draining of bath solution back into the tank, as practicable, by extending drip time when removing parts from the tank; using drain boards (also known as drip shields); or withdrawing parts slowly from the tank, as practicable.

(3) Optimize the design of barrels, racks, and parts to minimize dragout of bath solution (such as by using slotted barrels and tilted racks, or by designing parts with flow-through holes to allow the tank solution to drip back into the tank), as practicable.

(4) Use tank covers, if already owned and available at the facility, whenever practicable.

(5) Minimize or reduce heating of process tanks, as practicable (e.g., when doing so would not interrupt production or adversely affect part quality).

(6) Perform regular repair, maintenance, and preventive maintenance of racks, barrels, and other equipment associated with affected sources, as practicable.

(7) Minimize bath contamination, such as through the prevention or quick recovery of dropped parts, use of distilled/de-ionized water, water filtration, pre-cleaning of parts to be plated, and thorough rinsing of pre-treated parts to be plated, as practicable.

(8) Maintain quality control of chemicals, and chemical and other bath ingredient concentrations in the tanks, as practicable.

(9) Perform general good housekeeping, such as regular

**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



sweeping or vacuuming, if needed, and periodic washdowns, as practicable.

(10) Minimize spills and overflow of tanks, as practicable.

(11) Use squeegee rolls in continuous or reel-to-reel plating tanks, as practicable.

(12) Perform regular inspections to identify leaks and other opportunities for pollution prevention.

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 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

**Condition 6: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.11508(d), Subpart WWWWWW**

**Item 6.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: P-LATNG

Process: CAD

Emission Unit: P-LATNG

Process: NIK

**Item 6.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

In order to demonstrate continuous compliance with the applicable management practices and equipment standards specified in 40 CFR 63 Subpart WWWWWW, the facility owner or operator must:

(1) Always operate and maintain each affected source, including air pollution control equipment.

(2) Prepare an annual compliance certification according to the requirements specified in 40 CFR 63.11509(c) and keep it in a readily-accessible location for inspector review.



(3) Record that wetting agent/fume suppressant has been added to the tank bath in the original make-up of the tank.

(4) For tanks where the wetting agent/fume suppressant is a separate ingredient from the other tank additives, the facility owner or operator must:

(i) Add wetting agent/fume suppressant in proportion to the other bath chemistry ingredients that are added to replenish the tank bath, as in the original make-up of the tank; or in proportion such that the bath is brought back to the original make-up of the tank.

(ii) You must record each addition of wetting agent/fume suppressant to the tank bath.

(5) State in the annual compliance certification that wetting agent/fume suppressant has been added to the bath according to the manufacturer's specifications and instructions.

(6) Implement the applicable management practices described in 40 CFR 63.11507(g) during all times that the affected tank or process is in operation.

(7) State in the annual compliance certification that the applicable management practices described in 40 CFR 63.11507(g) have been implemented, as practicable.

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 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

**Condition 7: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement: 40CFR 63.11509(c), Subpart**  
**WWWWW**

**Item 7.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: P-LATNG

Process: CAD

Emission Unit: P-LATNG



**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



Process: NIK

**Item 7.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected source subject to the requirements of 40 CFR 63 Subpart WWWW must prepare an annual certification of compliance report as described below. These reports do not need to be submitted unless a deviation from the requirements of this subpart has occurred during the reporting year, in which case, the annual compliance report must be submitted along with the deviation report.

(1) The facility owner or operator must state in the annual compliance certification that wetting agent/fume suppressant has been added to the bath according to the manufacturer's specifications and instructions.

(2) The facility owner or operator must state in the annual compliance certification that the applicable management practices described in 40 CFR 63.11507(g) have been implemented, as practicable.

Each annual compliance report must be prepared no later than January 31 of the year immediately following the reporting period and kept in a readily-accessible location for inspector review. If a deviation has occurred during the year, each annual compliance report must be submitted along with the deviation report, and postmarked or delivered to the Department no later than January 31 of the year immediately following the reporting period.

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 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

**Condition 8: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.11509(d), Subpart WWWW**

**Item 8.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:



**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018

Emission Unit: P-LATNG  
Process: CAD

Emission Unit: P-LATNG  
Process: NIK

**Item 8.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emission source that is subject to the requirements of 40 CFR 63 Subpart WWWWWW must prepare a report of any deviations that occurred during each calendar year and a summary of any corrective action taken. Such reports must be submitted to the Department no later than January 31 of the following calendar year.

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 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

**Condition 9: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.11509(e), Subpart WWWWWW**

**Item 9.1:**

The Compliance Demonstration activity will be performed for the facility:

The Compliance Demonstration applies to:

Emission Unit: P-LATNG  
Process: CAD

Emission Unit: P-LATNG  
Process: NIK

**Item 9.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emission source subject to the requirements of 40 CFR 63 Subpart WWWWWW must keep the records specified in paragraphs (1) through (3) below:

**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



(1) A copy of any Initial Notification and Notification of Compliance Status that was submitted and all documentation supporting those notifications;

(2) The records specified in 40 CFR 63.10(b)(2)(i) through (iii) and (xiv) of the General Provisions; and

(3) The records required to show continuous compliance with each management practice and equipment standard that applies to the owner or operator, as specified in 40 CFR 63.11508(d).

Records kept pursuant to this condition must be maintained for a period of at least five years following the date of each occurrence, measurement, maintenance, corrective action, report, or record. Each record must be maintained on site for a period of two years from the date of each occurrence, measurement, maintenance, corrective action, report, or record, but may be maintained off site for the remaining three years.

Records kept pursuant to this condition must be provided to the Department upon request.

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 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

**\*\*\*\* Emission Unit Level \*\*\*\***

**Condition 10: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement: 40CFR 63.11507(d), Subpart**  
**WWWWW**

**Item 10.1:**  
The Compliance Demonstration activity will be performed for:

Emission Unit: P-LATNG

Process: CAD

**Item 10.2:**  
Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:



The owner or operator an electroplating tank that uses cyanide in the plating bath, operates at pH greater than or equal to 12, and contains one or more of the plating and polishing metal HAP must:

(1) Measure and record the pH of the bath upon startup of the bath, as defined in 40 CFR 63.11511. No additional pH measurements are required.

(2) Implement the applicable management practices in 40 CFR 63.11507(g), as practicable.

Records kept pursuant to this condition must be maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

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 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

**Condition 11: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.342(c)(1)(ii), Subpart N**

**Item 11.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: P-LATNG

Process: CHR

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

**Item 11.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: INTERMITTENT EMISSION TESTING

Monitoring Description:

The owner or operator of an existing open surface hard chromium electroplating tank shall not allow the concentration of total chromium in the exhaust gas stream discharged to the atmosphere to exceed 0.015 mg/dscm at all times during tank operation.

In order to demonstrate compliance with this emission limitation, the facility owner or operator shall conduct an emissions test of the hard chromium electroplating tank exhaust once every five years as described in 40 CFR



63.344.

A notification of the intent to conduct a stack test pursuant to this condition shall be submitted to the Department at least sixty days in advance of the date of testing as required by 40 CFR 63.347(d). Each such notification shall include a testing protocol indicating the method(s) that will be used to perform the stack test, the quality assurance procedures that will be followed, and any other relevant information or data.

A report of performance test results must be submitted to the Department and the Administrator as described in 40 CFR 63.347(f)

Upper Permit Limit: 0.015 milligrams per dry standard  
cubic meter

Reference Test Method: EPA Reference Test Method 306 or 306A

Monitoring Frequency: Once every five years

Averaging Method: MAXIMUM - NOT TO EXCEED STATED VALUE -  
SEE MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 12: PFOS Fume Suppressants**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.342(c)(1)(v), Subpart N**

**Item 12.1:**

This Condition applies to Emission Unit: P-LATNG  
Process: CHR

**Item 12.2:**

After September 21, 2015, the owner or operator of an affected open surface hard chromium electroplating tank shall not add perfluorooctane sulfonic acid-based fume suppressants to any affected open surface hard chromium electroplating tank.

**Condition 13: Applicability of work practice standards**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.342(f)(1), Subpart N**

**Item 13.1:**

This Condition applies to Emission Unit: P-LATNG  
Process: CHR

**Item 13.2:**

The work practice standards of 40CFR63.342 address operation and maintenance practices. All owners or operators subject to the standards in section 63.342(c) and 63.342(d) are subject to these work practice standards.

**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



At all times, including periods of startup, shutdown, and malfunction, owners or operators shall operate and maintain any affected source, including associated air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices, consistent with the operation and maintenance plan required by paragraph (f)(3) of section 63.342.

Malfunctions shall be corrected as soon as practicable after their occurrence in accordance with the operation and maintenance plan required by paragraph (f)(3) of section 63.342.

Operation and maintenance requirements established pursuant to section 112 of the Act are enforceable independent of emission limitations or other requirements in relevant standards.

**Condition 14: Acceptable work practices**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.342(f)(2), Subpart N**

**Item 14.1:**

This Condition applies to Emission Unit: P-LATNG  
Process: CHR

**Item 14.2:**

The work practice standards of Section 63.342 address operation and maintenance practices. All owners or operators subject to the standards in paragraph (c) and (d) of section 63.342 are subject to these work practices.

Determination of whether acceptable operation and maintenance procedures are being used will be based on information available to the Administrator, which may include, but is not limited to, monitoring results; review of the operation and maintenance plan, procedures, and records; and inspection of the source.

Based on the results of a determination made under 63.342(f)(2)(i), the Administrator may require that an owner or operator of an affected source make changes to the operation and maintenance plan required by 63.342(f)(3) for that source. Revisions may be required if the Administrator finds that the plan:

- (A) Does not address a malfunction that has occurred;
- (B) Fails to provide for the operation of the affected source, the air pollution control system and process monitoring equipment during a malfunction in a manner consistent with good air pollution control practices; or
- (C) Does not provide adequate procedures for correcting malfunctioning process equipment, air pollution control techniques, or monitoring equipment as quickly as possible.

**Condition 15: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.342(f)(3), Subpart N**

**Item 15.1:**



The Compliance Demonstration activity will be performed for:

Emission Unit: P-LATNG

Process: CHR

**Item 15.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an affected source subject to the work practices of 40 CFR 63.342(f) shall prepare an operation and maintenance plan to be implemented no later than the compliance date. The plan shall be incorporated by reference into the source's Title V permit, if and when a Title V permit is required.

The plan shall include the following elements:

(A) The plan shall specify the operation and maintenance criteria for the affected source, the add-on air pollution control device (if such a device is used to comply with the emission limits), and the process and control system monitoring equipment, and shall include a standardized checklist to document the operation and maintenance of this equipment;

(B) For sources using an add-on air pollution control device or monitoring equipment to comply with Subpart N, the plan shall incorporate the work practice standards for that device or monitoring equipment, as identified in Table 1 of Subpart N, if the equipment used is identified in Table 1;

(C) If the specific equipment used is not identified in Table 1 of Subpart N, the plan shall incorporate proposed work practice standards. These proposed work practice standards shall be submitted to the Administrator for approval as part of the submittal required under section 63.343(d);

(D) The plan shall specify procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur;

(E) The plan shall include a systematic procedure for identifying malfunctions of process equipment, add-on air pollution control devices, and process and control system monitoring equipment and for implementing corrective actions to address such malfunctions; and



(F) The plan shall include housekeeping procedures, as specified in Table 2 to 40 CFR 63.342.

If the operation and maintenance plan fails to address or inadequately addresses an event that meets the characteristics of a malfunction at the time the plan is initially developed, the owner or operator shall revise the operation and maintenance plan within 45 days after such an event occurs. The revised plan shall include procedures for operating and maintaining the process equipment, add-on air pollution control device, or monitoring equipment during similar malfunction events, and a program for corrective action for such events.

Recordkeeping associated with the operation and maintenance plan is identified in section 63.346(b).

Reporting associated with the operation and maintenance plan is identified in sections 63.347 (g) and (h) and paragraph (f)(3)(iv) of section 63.342.

If actions taken by the owner or operator during periods of malfunction are inconsistent with the procedures specified in the operation and maintenance plan required by paragraph (f)(3)(i) of section 63.342, the owner or operator shall record the actions taken for that event and shall report by phone such actions within 2 working days after commencing actions inconsistent with the plan. This report shall be followed by a letter within 7 working days after the end of the event, unless the owner or operator makes alternative reporting arrangements, in advance, with the Administrator.

The owner or operator shall keep the written operation and maintenance plan on record after it is developed to be made available for inspection, upon request, by the Administrator for the life of the affected source or until the source is no longer subject to the provisions of subpart N. In addition, if the operation and maintenance plan is revised, the owner or operator shall keep previous (i.e., superseded) versions of the operation and maintenance plan on record to be made available for inspection, upon request, by the Administrator for a period of 5 years after each revision to the plan.

To satisfy the requirements of paragraph (f)(3) of section 63.342, the owner or operator may use applicable standard operating procedure (SOP) manuals, Occupational Safety and Health Administration (OSHA) plans, or other existing plans, provided the alternative plans meet the requirements of section 63.342.



**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION

**Condition 16: Compliance with emission standard**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.342(g), Subpart N**

**Item 16.1:**

This Condition applies to Emission Unit: P-LATNG  
Process: CHR

**Item 16.2:**

The standards of 40CFR63 Subpart N that apply to chromic acid baths shall not be met by using a reducing agent to change the form of chromium from hexavalent to trivalent.

**Condition 17: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.343(c)(1)(ii), Subpart N**

**Item 17.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: P-LATNG  
Process: CHR

Regulated Contaminant(s):  
CAS No: 007440-47-3 CHROMIUM

**Item 17.2:**

Compliance Demonstration shall include the following monitoring:

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

Monitoring Description:

On and after the date on which the initial performance test is required to be completed under 40 CFR 63.7, the owner or operator of a hard chromium electroplating tank equipped with a composite mesh-pad system/packed-bed scrubber shall monitor and record the pressure drop across the composite mesh-pad system once each day that any affected source is operating. To be in compliance with the standards, the composite mesh-pad system shall be operated within +/- 2 inches of water column of the pressure drop value established during the initial performance test.

Records kept pursuant to this condition shall be

**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

Parameter Monitored: PRESSURE DROP

Lower Permit Limit: 2.25 inches of water

Upper Permit Limit: 4.25 inches of water

Monitoring Frequency: DAILY

Averaging Method: RANGE - NOT TO FALL OUTSIDE OF STATED RANGE AT ANY TIME

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 18: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.346(b), Subpart N**

**Item 18.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: P-LATNG

Process: CHR

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

**Item 18.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emission source subject to the provisions of 40 CFR 63 Subpart N shall maintain the following records:

(1) Inspection records for the add-on air pollution control device, if such a device is used, and monitoring equipment, to document that the inspection and maintenance required by the work practice standards of 40 CFR 63.342(f) and Table 1 of 40 CFR 63.342 have taken place. The record can take the form of a checklist and should identify the device inspected, the date of inspection, a brief description of the working condition of the device during the inspection, and any actions taken to correct deficiencies found during the inspection.

(2) Records of all maintenance performed on the affected source, the add-on air pollution control device, and monitoring equipment, except routine housekeeping practices;

(3) Records of the occurrence, duration, and cause (if



known) of each malfunction of process, add-on air pollution control, and monitoring equipment;

(4) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.342(a)(1), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation;

(5) Other records, which may take the form of checklists, necessary to demonstrate consistency with the provisions of the operation and maintenance plan required by 40 CFR 63.342(f)(3);

(6) Test reports documenting results of all performance tests;

(7) All measurements as may be necessary to determine the conditions of performance tests, including measurements necessary to determine compliance with the special compliance procedures of 40 CFR 63.344(e);

(8) Records of monitoring data required by 40 CFR 63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected;

(9) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment;

(10) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process, add-on air pollution control, or monitoring equipment;

(11) The total process operating time of the affected source during the reporting period;

(12) Records of the actual cumulative rectifier capacity of hard chromium electroplating tanks at a facility expended during each month of the reporting period, and the total capacity expended to date for a reporting period, if the owner or operator is using the actual cumulative rectifier capacity to determine facility size in accordance with 40 CFR 63.342(c)(2);

New York State Department of Environmental Conservation

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



(13) For sources using fume suppressants to comply with the standards, records of the date and time that fume suppressants are added to the electroplating or anodizing bath and records of the fume suppressant manufacturer and product name;

(14) For sources complying with 40 CFR 63.342(e), records of the bath components purchased, with the wetting agent clearly identified as a bath constituent contained in one of the components;

(15) Any information demonstrating whether a source is meeting the requirements for a waiver of recordkeeping or reporting requirements, if the source has been granted a waiver under 40 CFR 63.10(f); and

(16) All documentation supporting the notifications and reports required by 40 CFR 63.9, 63.10, and 63.347.

All records kept pursuant to this condition must be maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 19: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement:40CFR 63.347(h)(1), Subpart N**

**Item 19.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: P-LATNG

Process: CHR

Regulated Contaminant(s):

CAS No: 007440-47-3 CHROMIUM

**Item 19.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emission source located at an area source of hazardous air pollutants that is subject to the requirements of 40 CFR 63 Subpart N shall compile an annual summary report documenting the ongoing compliance status of the affected source. Each annual summary report



shall include:

- (i) The company name and address of the affected source;
- (ii) An identification of the operating parameter that is monitored for compliance determination, as required by 40 CFR 63.343(c);
- (iii) The relevant emission limitation for the affected source, and the operating parameter value, or range of values, that correspond to compliance with this emission limitation as specified in the notification of compliance status required by paragraph (e) of this section;
- (iv) The beginning and ending dates of the reporting period;
- (v) A description of the type of process performed in the affected source;
- (vi) The total operating time of the affected source during the reporting period;
- (vii) If the affected source is a hard chromium electroplating tank and the owner or operator is limiting the maximum cumulative rectifier capacity in accordance with 40 CFR 63.342(c)(2), the actual cumulative rectifier capacity expended during the reporting period, on a month-by-month basis;
- (viii) A summary of operating parameter values, including the total duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as a percent of the total source operating time during that reporting period, and a breakdown of the total duration of excess emissions during the reporting period into those that are due to process upsets, control equipment malfunctions, other known causes, and unknown causes;
- (ix) A certification by a responsible official, as defined in 40 CFR 63.2, that the work practice standards in 40 CFR 63.342(f) were followed in accordance with the operation and maintenance plan for the source;
- (x) If the operation and maintenance plan required by 40 CFR 63.342(f)(3) was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emission and/or parameter monitoring exceedances are believed to have occurred, and a copy of the report(s) required by 40 CFR 63.342(f)(3)(iv)

New York State Department of Environmental Conservation

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



documenting that the operation and maintenance plan was not followed;

(xi) A description of any changes in monitoring, processes, or controls since the last reporting period;

(xii) The number, duration, and a brief description for each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with 40 CFR 63.342(a)(1), including actions taken to correct a malfunction.

(xiii) The name, title, and signature of the responsible official who is certifying the accuracy of the report; and

(xiv) The date of the report.

Each annual summary report prepared pursuant to this condition shall be maintained at the facility for a period of at least five years, and must be made available to the Department upon request.

Monitoring Frequency: ANNUALLY

Reporting Requirements: UPON REQUEST BY REGULATORY AGENCY

**Condition 20: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable Federal Requirement: 40CFR 63.347(h)(2), Subpart N**

**Item 20.1:**

The Compliance Demonstration activity will be performed for:

Emission Unit: P-LATNG  
Process: CHR

Regulated Contaminant(s):  
CAS No: 007440-47-3 CHROMIUM

**Item 20.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

The owner or operator of an emission source subject to the requirements of 40 CFR 63 Subpart N that is required

**New York State Department of Environmental Conservation**

**Permit ID: 4-1250-00018/00282**

**Facility DEC ID: 4125000018**



to prepare annual summary reports pursuant to 40 CFR 60.347(h)(1) shall prepare and submit semiannual reports to the Department if the following conditions are met:

(1) The total duration of excess emissions (as indicated by the monitoring data collected by the owner or operator of the affected source in accordance with 40 CFR 63.343(c)) is 1 percent or greater of the total operating time for the reporting period; or

(2) The total duration of malfunctions of the add-on air pollution control device and monitoring equipment is 5 percent or greater of the total operating time.

Once the owner or operator of an affected source reports an exceedance as defined in paragraph (1) above, ongoing compliance status reports shall be submitted to the Department on a semiannual basis until a request to reduce reporting frequency pursuant to 40 CFR 63.347(h)(3) is approved by the Department.

Monitoring Frequency: AS REQUIRED - SEE PERMIT MONITORING DESCRIPTION

Reporting Requirements: AS REQUIRED - SEE MONITORING DESCRIPTION



**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: Public Access to Recordkeeping for Facilities With State Facility Permits - 6 NYCRR 201-1.10 (a)**

Where facility owners and/or operators keep records pursuant to compliance with the requirements of 6 NYCRR Subpart 201-5.4, and/or the emission capping requirements of 6 NYCRR Subpart 201-7, the Department will make such records available to the public upon request in accordance with 6 NYCRR Part 616 - Public Access to Records.





Facility owners and/or operators must submit the records required to comply with the request within sixty working days of written notification by the Department.

**Item C: 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 only enforceable.**

**Condition 21: Contaminant List**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable State Requirement:ECL 19-0301**

**Item 21.1:**  
Emissions of the following contaminants are subject to contaminant specific requirements in this permit(emission limits, control requirements or compliance monitoring conditions).

CAS No: 007440-47-3  
Name: CHROMIUM

CAS No: 0NY100-00-0  
Name: TOTAL HAP

**Condition 22: Malfunctions and start-up/shutdown activities**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable State Requirement:6 NYCRR 201-1.4**



**Item 22.1:**

(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 23: Emission Unit Definition**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 23.1:**

The facility is authorized to perform regulated processes under this permit for:

Emission Unit: P-LATNG

Emission Unit Description:

This emission unit consists of the plating building operations. Various metal parts are electroplated using a wide variety of metals including chromium, cadmium, nickel, and various others.

New York State Department of Environmental Conservation

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



Building(s): B3

**Condition 24: Renewal deadlines for state facility permits**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable State Requirement:6 NYCRR 201-5.2 (c)**

**Item 24.1:**

The owner or operator of a facility having an issued state facility 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.

**Condition 25: Compliance Demonstration**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable State Requirement:6 NYCRR 201-5.3 (c)**

**Item 25.1:**

The Compliance Demonstration activity will be performed for the Facility.

**Item 25.2:**

Compliance Demonstration shall include the following monitoring:

Monitoring Type: RECORD KEEPING/MAINTENANCE PROCEDURES

Monitoring Description:

Any reports or submissions required by this permit shall be submitted to the Regional Air Pollution Control Engineer (RAPCE) at the following address:

Division of Air Resources  
NYS Dept. of Environmental Conservation  
Region 4  
1130 N. Westcott Rd.  
Schenectady, NY 12306

Reporting Requirements: ANNUALLY (CALENDAR)

Reports due 30 days after the reporting period.

The initial report is due 1/30/2018.

Subsequent reports are due every 12 calendar month(s).

**Condition 26: Visible Emissions Limited**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable State Requirement:6 NYCRR 211.2**

**Item 26.1:**

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.



\*\*\*\* Emission Unit Level \*\*\*\*

**Condition 27: Emission Point Definition By Emission Unit**  
Effective between the dates of 05/30/2017 and 05/29/2027

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 27.1:**

The following emission points are included in this permit for the cited Emission Unit:

Emission Unit: P-LATNG

Emission Point: 1PB01  
Height (ft.): 49 Length (in.): 32 Width (in.): 22  
NYTMN (km.): 4684.023 NYTME (km.): 467.332 Building: B3

Emission Point: 1PB02  
Height (ft.): 48 Diameter (in.): 18  
NYTMN (km.): 4684.15 NYTME (km.): 467.237 Building: B3

Emission Point: 1PB03  
Height (ft.): 49 Length (in.): 40 Width (in.): 26  
NYTMN (km.): 4684.023 NYTME (km.): 467.332 Building: B3

Emission Point: 1PB04  
Height (ft.): 49 Length (in.): 14 Width (in.): 18  
NYTMN (km.): 4684.023 NYTME (km.): 467.332 Building: B3

Emission Point: 1PB06  
Height (ft.): 50 Diameter (in.): 18  
NYTMN (km.): 4684.023 NYTME (km.): 467.332 Building: B3

Emission Point: 1PB07  
Height (ft.): 50 Diameter (in.): 8  
NYTMN (km.): 4684.15 NYTME (km.): 467.237 Building: B3

Emission Point: 1PB08  
Height (ft.): 51 Diameter (in.): 32  
NYTMN (km.): 4684.15 NYTME (km.): 467.237 Building: B3

Emission Point: 1PB09  
Height (ft.): 45 Length (in.): 28 Width (in.): 22  
NYTMN (km.): 4684.023 NYTME (km.): 467.332 Building: B3

Emission Point: 1PB10  
Height (ft.): 48 Diameter (in.): 20  
NYTMN (km.): 4684.023 NYTME (km.): 467.332 Building: B3

Emission Point: 1PB11

**New York State Department of Environmental Conservation**  
**Permit ID: 4-1250-00018/00282**                      **Facility DEC ID: 4125000018**



|                       |                      |                 |
|-----------------------|----------------------|-----------------|
| Height (ft.): 46      | Length (in.): 16     | Width (in.): 14 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB12 |                      |                 |
| Height (ft.): 51      | Length (in.): 24     | Width (in.): 20 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB13 |                      |                 |
| Height (ft.): 50      | Length (in.): 16     | Width (in.): 14 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB14 |                      |                 |
| Height (ft.): 50      | Length (in.): 16     | Width (in.): 14 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB15 |                      |                 |
| Height (ft.): 51      | Length (in.): 24     | Width (in.): 20 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB16 |                      |                 |
| Height (ft.): 50      | Length (in.): 16     | Width (in.): 13 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB17 |                      |                 |
| Height (ft.): 51      | Length (in.): 20     | Width (in.): 24 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB18 |                      |                 |
| Height (ft.): 50      | Diameter (in.): 18   |                 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB19 |                      |                 |
| Height (ft.): 50      | Diameter (in.): 18   |                 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB20 |                      |                 |
| Height (ft.): 50      | Diameter (in.): 18   |                 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB21 |                      |                 |
| Height (ft.): 50      | Length (in.): 16     | Width (in.): 14 |
| NYTMN (km.): 4683.981 | NYTME (km.): 466.966 | Building: B3    |
| Emission Point: 1PB22 |                      |                 |
| Height (ft.): 50      | Diameter (in.): 18   |                 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB23 |                      |                 |
| Height (ft.): 50      | Length (in.): 16     | Width (in.): 14 |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3    |
| Emission Point: 1PB24 |                      |                 |



**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018

|                       |                      |              |
|-----------------------|----------------------|--------------|
| Height (ft.): 50      | Diameter (in.): 18   |              |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3 |
| Emission Point: 1PB25 |                      |              |
| Height (ft.): 49      | Diameter (in.): 18   |              |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3 |
| Emission Point: 1PB26 |                      |              |
| Height (ft.): 50      | Diameter (in.): 18   |              |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3 |
| Emission Point: 1PB27 |                      |              |
| Height (ft.): 48      | Diameter (in.): 18   |              |
| NYTMN (km.): 4683.96  | NYTME (km.): 466.973 | Building: B3 |
| Emission Point: 1PB29 |                      |              |
| Height (ft.): 40      | Diameter (in.): 18   |              |
| NYTMN (km.): 4683.973 | NYTME (km.): 466.989 | Building: B3 |
| Emission Point: 1PB30 |                      |              |
| Height (ft.): 35      | Diameter (in.): 16   |              |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3 |
| Emission Point: 1PB33 |                      |              |
| Height (ft.): 19      | Diameter (in.): 18   |              |
| NYTMN (km.): 4684.023 | NYTME (km.): 467.332 | Building: B3 |
| Emission Point: 1PB35 |                      |              |
| Height (ft.): 29      | Diameter (in.): 12   |              |
| NYTMN (km.): 4683.964 | NYTME (km.): 466.952 | Building: B3 |
| Emission Point: 1PB40 |                      |              |
| Height (ft.): 22      | Diameter (in.): 60   |              |
| NYTMN (km.): 4684.017 | NYTME (km.): 466.997 | Building: B3 |
| Emission Point: 1PB41 |                      |              |
| Height (ft.): 1       | Diameter (in.): 4    |              |
| NYTMN (km.): 4684.15  | NYTME (km.): 467.237 | Building: B3 |
| Emission Point: BRBEM |                      |              |
| Height (ft.): 24      | Diameter (in.): 10   |              |
| NYTMN (km.): 4684.19  | NYTME (km.): 467.193 | Building: B3 |

**Condition 28: Process Definition By Emission Unit**  
**Effective between the dates of 05/30/2017 and 05/29/2027**

**Applicable State Requirement:6 NYCRR Subpart 201-5**

**Item 28.1:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-LATNG

**New York State Department of Environmental Conservation**

Permit ID: 4-1250-00018/00282

Facility DEC ID: 4125000018



Process: CAD Source Classification Code: 3-09-010-07

Process Description:

This process consists of the electroplating of various metal parts with cadmium.

Emission Source/Control: CNTR1 - Control

Control Type: WETTING AGENT - CHEMICAL FUME  
SUPPRESSANT

Emission Source/Control: CDTNK - Process

**Item 28.2:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-LATNG

Process: CHR

Source Classification Code: 3-09-010-06

Process Description:

This process consists of the electroplating of various metal parts with chromium. There are four chrome plating tanks at the facility.

Emission Source/Control: CTP29 - Control

Control Type: SCRUBBER - PACKED BED

Emission Source/Control: PLT29 - Process

**Item 28.3:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-LATNG

Process: NIK

Source Classification Code: 3-09-010-03

Process Description:

This process consists of the electroplating of various metal parts with nickel.

Emission Source/Control: CNTR2 - Control

Control Type: WETTING AGENT - CHEMICAL FUME  
SUPPRESSANT

Emission Source/Control: NITNK - Process

**Item 28.4:**

This permit authorizes the following regulated processes for the cited Emission Unit:

Emission Unit: P-LATNG

Process: PLT

Source Classification Code: 3-09-010-99

Process Description:

This process consists of various plating line operations within the plating building.

Emission Source/Control: PLTES - Process





