

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau E
625 Broadway, 12th Floor, Albany, NY 12233-7017
P: (518) 402-9813 | F: (518) 402-9819
www.dec.ny.gov

September 17, 2015

Prince Knight
Laboratory, Environmental & Compliance Manager
Norlite, LLC
628 S. Saratoga Street
Cohoes, NY 12047

RE: Request for Minor Permit Modification to Current Part 373 Permit
Norlite LLC, NYSDEC Permit No. 4-0103-16/16
EPA ID No. NYD080469935

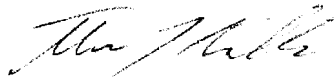
Dear Mr. Knight,

The New York State Department of Environmental Conservation (Department) has completed its review of the minor modification request dated September 14, 2015. The Department approves this request to update the permit to add the drawing "No. 1 of 1 – Replace 10 Feet of Shell & Lower Head on Tank 100B" in Section M for Tank-100B. Drawing NY003-92023-2 is now only representative for Tanks TK-100A and TK-100C. This permit modification is a minor modification pursuant to 6 NYCRR 373-1.7(c)(1)(i) and 6 NYCRR 373-1.7(c)(7)(iii).

The permit page reflecting the changes from your requested modification is the drawing titled "No. 1 of 1 – Replace 10 Feet of Shell & Lower Head on Tank 100B", which will be incorporated into Attachment M of the current permit. Please add this enclosed page into your copy of the permit. Under 6 NYCRR Part 373-1.7(e), Norlite is required to notify all persons on the facility mailing list of this modification. Please provide this office with a copy of your notification for our records.

If you have any questions, please contact David Lates at (518) 402-9814 or david.lates@dec.ny.gov.

Sincerely,

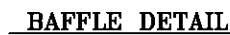


Thomas J. Killeen, P.E.
Chief, RCRA Permitting Section

Ec: D. Lates, CO
N. Baker, Region 4
J. Hadersback, Region 4
J. Quinn, Region 4



Department of
Environmental
Conservation



TYPE	A	B	C	D
2	5/16"	THK.	-	-
1	3/8"	-	7/16"	1"
1	1/4"	-	5/16"	3/8"
1	1/4"	-	5/16"	3/8"
1	1/4"	-	5/16"	3/8"

MARK	QTY	SERVICE	SIZE	RATING	TYPE	NECK	REMARKS	PART No
A	1	INLET NOZZLE	4	150#	RFSO	E X I	S I T I N G	
B	1	DRAIN	2 1/2		STDO	80		19
C	1	CONTROL LEVEL	6		RFSO	E X I	S I T I N G	
D	1	RUPTURE DISK	6			E X I	S I T I N G	
E	1	MANHOLE	36	75#		3/8		10-14
F	1	PUMP SUCTION	4	150#		E X I	S I T I N G	
G	1	SAMPLE	1			80		15,16
H	1	TEMPERATURE	1 1/2			80		17,18
J	3	LEVEL	2 1/2			80		17,18
K	1	N2 INJECTION OUT	3			E X I	S I T I N G	
L	1	N2 SPARE	3			E X I	S I T I N G	
M	1	MIXER SPARE	3			E X I	S I T I N G	

1. * DESIGN INFORMATION *

DESIGN, REPAIR, AND STAMP IN ACCORDANCE WITH NBIC AND A.S.M.E. SECTION VIII, DIVISION 1, 2013 EDITION.

	SHELL
DESIGN PRESSURE	20 PSIG
MAX DESIGN TEMPERATURE	100 °F
MIN. DESIGN TEMPERATURE	-5 °F
HYDRO TEST PRESSURE	10 PSIG
CORROSION ALLOWANCE	1/16 IN.
CAPACITY FULL	9,600 GAL.

VESSEL WEIGHT EMPTY	9,500 LBS.	FULL OF WATER	81,000 LBS.
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2. ALL FLANGES WILL HAVE BOLT HOLES STRADDLE THE 0°-180° & 90°-270° CENTER LINES, UNLESS OTHERWISE NOTED. PROTECT ALL FLANGE FACES BEFORE SHIPMENT.
3. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED.
4. ALL REPAIRS TO HAVE (1) 1/8" NPT TEST HOLE.
5. Assure the liquid waste falls below the mixer maximum design conditions of a mix density of 1.7 specific gravity.


 NATL. BD. 8828
 CERTIFIED BY
 ROSEN MFG. CO. INC.,
 LAKEWOOD N.J. 08701
 VESSEL NAME 20 PSI AT 100' F
 MIN DESIGN METAL TEMP -5' F AT 20 PSI
 JACKET NAME -PSI AT -' F
 MIN DESIGN METAL TEMP -' F AT - PSI
 TUBE NAME PSI AT -' F
 MIN DESIGN METAL TEMP -' F AT - PSI
 SERIAL NO.: 92023-1 YEAR: 1992
 EQUIPMENT TAG NO.'S. TP100B
 OWNER'S NAME: NORLITE CORP. INC.
 CAPACITY: 7300 GAL OPER.
 SHOP ORDER NO.: ---

ORIGINAL NAMEPLATE DATA

22	2	L2" X 2" X 3/8" X AR (OIF PIPE SUPP.)	SA-36
21	4	1/2" X 11" X 131" (BAFFLE)	SA-36
20	12	3/4" X 2" X 30"± (BAFFLE SUPPORT)	A-36
19	1	2 1/2" 150# RF STUDDING OUTLET	SA-105
18	1	1 1/2" SCH 80 PIPE X 36"	SA-108B
17	3	1 1/2" 150# RFSG FLANGE	SA-105
16	1	1" SCH 80 PIPE X 12"	SA-108B
15	1	1" 150# RFSG FLANGE	SA-105
14	1	36" 75# FLEXATATIC GASKET	304 S/S
13	1	36" 75# BOLT & NUT SET SA193/SA194	B7/2H
12	1	3/8" X 8" X 120" MW. NECK	SA-516 70
11	1	36" 75# RF BLIND FLANGE	SA-105
10	1	36" 75# RFWN FLANGE SCH STD. BORE	SA-105
9	1	300LBS DISH ONLY HEAD X 1/4" THK 130DR (WEAR PLATE)	SA-516 70
8	3	3/4"Ø ROUND BAR X 60"± (HANDLES)	A-36
7	1	1/4" THK X 12" O.D. WEAR PLATE	SA-516 70
6	2	1" X 10" X 13" BASE	SA-36
5	2	W12 X 40 X 62 1/2" (2-LEGS)	SA-992
4	2	3/8" THK X 14" X 21" (REPADS)	SA-516 70
3	2	3/8" THK X 12" X 21" (REPAD)	SA-516 70
2	4	3/8" THK 103 9/16" X 120" (SHELL)	SA-516 70
1	1	132" O.D. ASME F&S HEAD 3/8" NOM. 130"DR	SA-516 70

DL= 414.25"
BEVEL DETAIL
REWORKED

PART	QTY	DESCRIPTION	MATERIAL	REMARKS
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**AMERICAN BOILER,
TANK & WELDING CO., INC.**
53 PLEASANT STREET ALBANY, N.Y. 12207

NORLITE CORP.
P.O.#

JOB NO.
—8000

REPLACE 10' OF SHELL & LOWER
HEAD ON TANK 100B

1

REVISIONS	DATE 7/6/2015	DWG BY WAN	APV'D BY	OF 1
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SCALE