



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

Issue Date: February 5, 2020

Effective Date: February 5, 2020

Expiration Date: [REDACTED]

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

TITLE V Permit No: 46-00020

Federal Tax Id - Plant Code: 86-1118863-1

Owner Information

Name: SUPERIOR TUBE CO INC
Mailing Address: 3900 GERMANTOWN PIKE
COLLEGEVILLE, PA 19426-3112

Plant Information

Plant: SUPERIOR TUBE CO/LOWER PROVIDENCE
Location: 46 Montgomery County 46937 Lower Providence Township
SIC Code: 3317 Manufacturing - Steel Pipe And Tubes

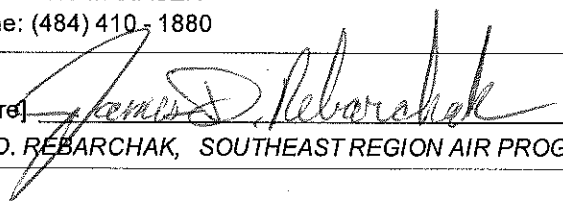
Responsible Official

Name: WILLIAM SCILINGO
Title: PLANT MANAGER
Phone (610) 489 - 5230

Permit Contact Person

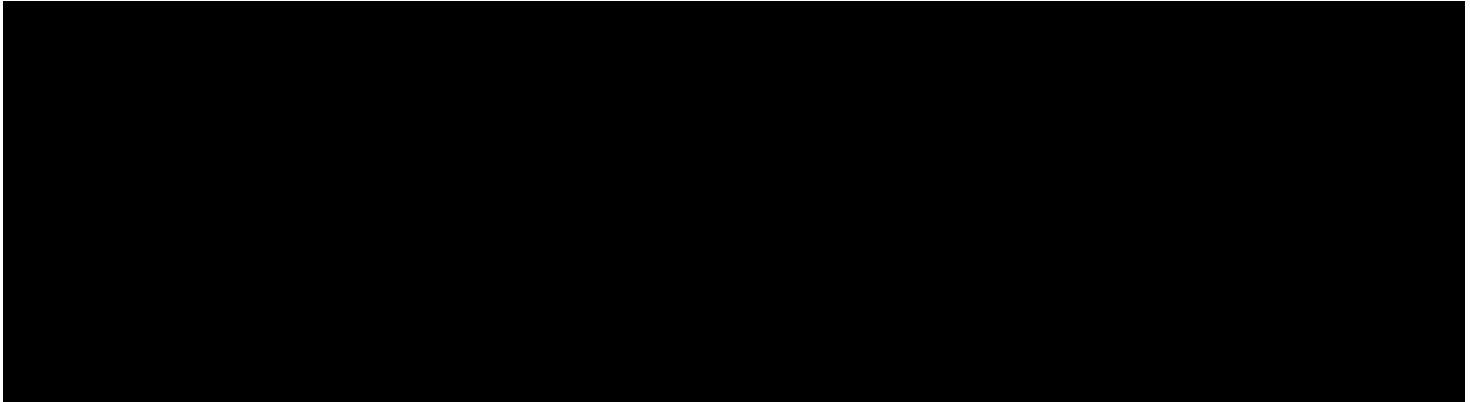
Name: HASSAN RIAD
Title: EHS MANAGER
Phone: (484) 410 - 1880

[Signature]


JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER



Pages 2-18, 20-21, 24-39, 45, 47, 49, 51-55, 57, and 59-79 are redacted entirely.

**SECTION C. Site Level Requirements**

006

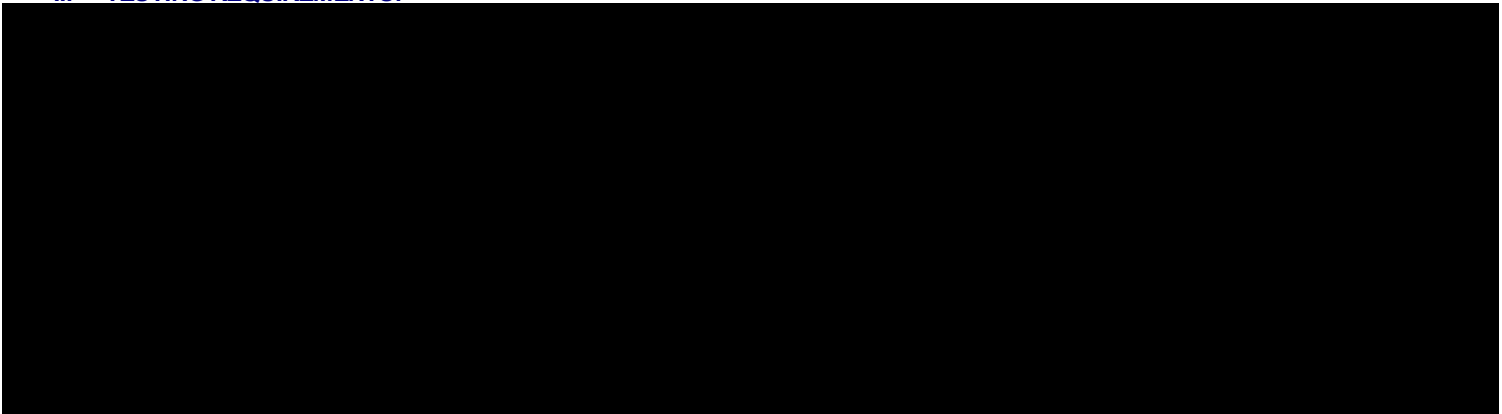
Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.25, 25 Pa. Code § 129.91 and 25 Pa. Code § 129.97.]

(A) The total VOC emissions from this facility shall not exceed 158.60 tons in any 12 consecutive month period.

(B) The total NOx emissions from this facility shall not exceed 79.2 tons in any 12 consecutive month period.

[Compliance with paragraph (A) of this condition assures compliance with condition 4 of RACT OP 46-0020].

**II. TESTING REQUIREMENTS.**

**SECTION C. Site Level Requirements**

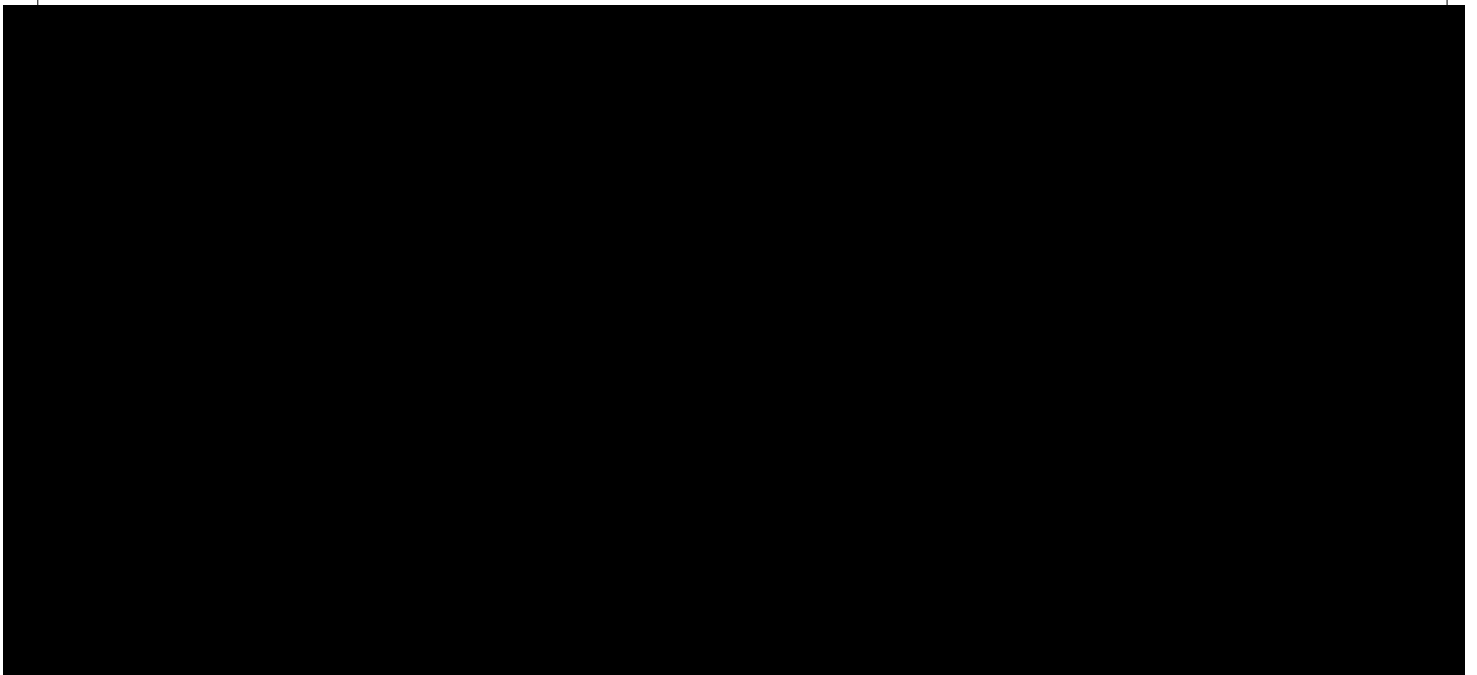
020

**Operating permit terms and conditions.**

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 25 Pa. Code § 129.97.]

All spills of solvents shall be cleaned up as soon as possible.

Compliance with this condition assures compliance with condition 14 of RACT OP 46-0020.



**SECTION C. Site Level Requirements**

023

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 25 Pa. Code § 129.97.]

All lids from drums and containers containing volatile organic compounds shall be kept closed except when the contents are being transferred.

Compliance with this condition assures compliance with condition 13 of RACT OP 46-0020.



**SECTION D. Source Level Requirements**

Source ID: 101

Source Name: FLUSH/BLOWOUT BOOTH #1603

Source Capacity/Throughput:

18.000 Lbs/HR

NON-HAP VOC SOLVENT

PROC
101STAC
S02**I. RESTRICTIONS.****Emission Restriction(s).**

001

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 129.99.]

The VOC emissions from this flush/blow booth shall not exceed 11.2 tons in any 12 consecutive month period.

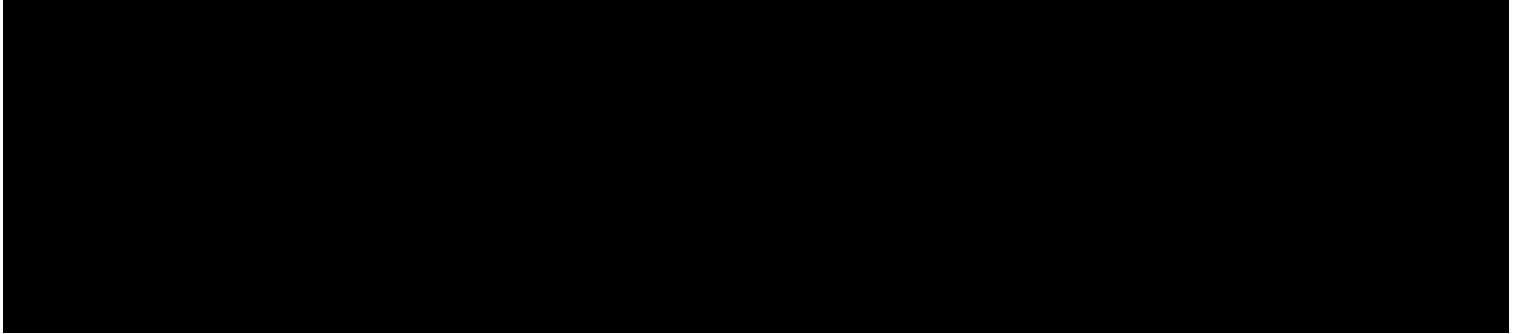
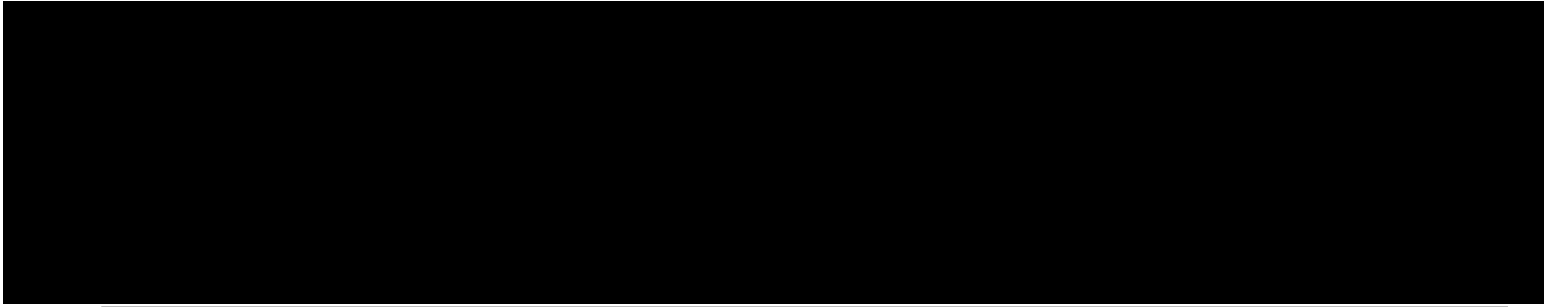
IV. RECORDKEEPING REQUIREMENTS.

004

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.95 and 129.100(d).]

The permittee shall record the amount and type of solvent used by this source on a weekly basis, when in use. The permittee shall perform monthly calculations and keep records to demonstrate compliance with the 12 consecutive month VOC emission limit.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

007

Control of major sources of NOx and VOCs

RACT for this source shall be good engineering practice, record keeping and maintenance of the source.

A determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, and inspection of the source.

[Compliance with this condition assures compliance with 25 Pa. Code § 129.100(d)].



**SECTION D. Source Level Requirements**

Source ID: 102

Source Name: FLUSH/BLOWOUT BOOTH 1960

Source Capacity/Throughput:

18.800 Lbs/HR

NON-HAP VOC SOLVENT

PROC
102STAC
S03**I. RESTRICTIONS.****Emission Restriction(s).**

001

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 129.99.]

The VOC emissions from this flush/blow booth shall not exceed 6.1 tons in any 12 consecutive month period.

IV. RECORDKEEPING REQUIREMENTS.

004

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.95 and 129.100(d).]

The permittee shall record the amount and type of solvent used by this source on a weekly basis when in use. The permittee shall perform monthly calculations and keep records to demonstrate compliance with the 12 consecutive month VOC emission limit.

**SECTION D. Source Level Requirements****VII. ADDITIONAL REQUIREMENTS.**

007

Control of major sources of NOx and VOCs

RACT for this source shall be good engineering practice, record keeping and maintenance of the source.

A determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator that may include, but is not limited to, monitoring results, review of operation and maintenance procedures, and inspection of the source.

[Compliance with this condition assures compliance with 25 Pa. Code § 129.100(d)].



**SECTION D. Source Level Requirements**

Source ID: 103

Source Name: LUBRIC. SPRAY BOOTH #6779

Source Capacity/Throughput:

18.400 Lbs/HR

NON-HAP VOC SOLVENT

PROC
103STAC
S04**I. RESTRICTIONS.****Emission Restriction(s).**

001

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 129.99.]

The VOC emissions, for this spray booth shall not exceed 15.0 tons in any 12 consecutive month period.

III. MONITORING REQUIREMENTS.

002

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 129.99.]

The permittee shall monitor the amount of VOC-containing solvent used by this spray booth on a weekly basis when in use.

IV. RECORDKEEPING REQUIREMENTS.

003

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 129.100(d).]

The permittee shall record the amount of VOC-containing solvent used by this spray booth on a weekly basis when in use, and perform monthly calculations to demonstrate compliance with the VOC emission limit for each 12 consecutive month period.

**SECTION D. Source Level Requirements**

Source ID: 117

Source Name: SOLVENT CLEANER TANK #6836

Source Capacity/Throughput:

18.400 Lbs/HR

NON-HAP VOC SOLVENT

PROC
117STAC
S27**I. RESTRICTIONS.****Emission Restriction(s).**

001

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 129.99.]

Non-HAP VOC emissions from this source shall not exceed 6.60 tons in any 12 consecutive month period.

III. MONITORING REQUIREMENTS.

002

Monitoring and related recordkeeping and reporting requirements.

The permittee shall monitor the amount and type of solvent used by this source on a weekly basis when in use.

IV. RECORDKEEPING REQUIREMENTS.

003

Monitoring and related recordkeeping and reporting requirements.

The permittee shall record the amount and type of solvent used by this source on a weekly basis when in use, and perform monthly calculations to demonstrate compliance with the 12 consecutive month VOC emission limit.

**SECTION D. Source Level Requirements**

Source ID: 124

Source Name: LUBRICATION SPRAY BOOTH #1976

Source Capacity/Throughput:

18.400 Lbs/HR

NON-HAP VOC SOLVENT

PROC
124STAC
S25**I. RESTRICTIONS.****Emission Restriction(s).**

001

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 129.99.]

The VOC emissions, for this spray booth shall not exceed 6.9 tons in any 12 consecutive month period.

III. MONITORING REQUIREMENTS.

002

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 129.100(d).]

The permittee shall monitor the amount of VOC-containing materials used by this spray booth on a weekly basis when in use.

IV. RECORDKEEPING REQUIREMENTS.

003

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 and 129.100(d).]

The permittee shall record the amount of VOC-containing materials used by this spray booth on a weekly basis when in use, and perform calculations on a monthly basis to demonstrate compliance with the 12 consecutive month period.

**SECTION D. Source Level Requirements**

Source ID: 125

Source Name: GENERAL SOURCE FUG EMIS

Source Capacity/Throughput: 18.000 Lbs/HR VARIOUS VOCS

PROC
125STAC
Z10**I. RESTRICTIONS.****Emission Restriction(s).**

001

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.91 adn 129.99.]

The total VOC emissions from this source and sources 141 and 142 shall not exceed 13.8 tons in any 12 consecutive period.

III. MONITORING REQUIREMENTS.

002

Operating permit terms and conditions.

The permittee shall monitor the amount and type of cleaning solvent used on a weekly basis.

[Compliance with this condition assures compliance with 25 Pa. Code § 129.100(d)].

IV. RECORDKEEPING REQUIREMENTS.

003

Operating permit terms and conditions.

The permittee shall record the monitored amount and type of cleaning solvent used on a weekly basis, and perform monthly calculations to demonstrate compliance with the VOC emission limit.

[Compliance with this condition assures compliance with 25 Pa. Code § 129.100(d)].

**SECTION D. Source Level Requirements**

Source ID: 141

Source Name: SOLVENT CLEANER TANK #6172

Source Capacity/Throughput:

1.000 Lbs/HR

ISOPROPYL ALCOHOL

PROC
141STAC
Z15**III. MONITORING REQUIREMENTS.**

001

Monitoring and related recordkeeping and reporting requirements.

The permittee shall monitor the isopropyl alcohol additions to this cleaning tank, on a weekly basis, or when in use.

[Compliance with this condition assures compliance with 25 Pa. Code § 129.100(d)].

IV. RECORDKEEPING REQUIREMENTS.

002

Monitoring and related recordkeeping and reporting requirements.

The permittee shall record the isopropyl alcohol additions to this cleaning tank, on a weekly basis, or when in use, for use in demonstrating compliance with the site-wide VOC emission limit.

[Compliance with this condition assures compliance with 25 Pa. Code § 129.100(d)].

**SECTION D. Source Level Requirements**

Source ID: 142

Source Name: SOLVENT CLEANING TANK #6169

Source Capacity/Throughput:

1.000 Lbs/HR

ISOPROPYL ALCOHOL

PROC
142STAC
Z16**III. MONITORING REQUIREMENTS.**

001

Monitoring and related recordkeeping and reporting requirements.

The permittee shall monitor the isopropyl alcohol additions to this cleaning tank, on a weekly basis, or when in use.

IV. RECORDKEEPING REQUIREMENTS.

002

Monitoring and related recordkeeping and reporting requirements.

The permittee shall record the isopropyl alcohol additions to this cleaning tank, on a weekly basis, or when in use, for use in demonstrating compliance with the site-wide VOC emission limit.

003

Control of VOC emissions from industrial cleaning solvents.