



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM
SOUTHCENTRAL REGION**

TITLE V OPERATING PERMIT

Based upon Pennsylvania's Operating Permit Program
25 Pa. Code Chapter 127
Effective November 25, 1994

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

TITLE V/STATE OPERATING PERMIT

ISSUE DATE: 06-JUL-00

EFFECTIVE DATE: 01-AUG-00

EXPIRATION DATE: 31-JUL-05

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 the site inventory list. 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 unless otherwise designated as "State-Only" requirements.

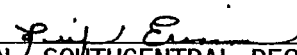
TITLE V PERMIT NO: 38-05002
TAX-ID/PLANT CODE 25-0317820/05

OWNER ALCOA INC
MAILING 3000 STATE DR
ADDRESS LEBANON, PA. 17042

PLANT LEBANON WORKS
LOCATION 38 Lebanon County 38921 South Lebanon Twp
SIC CODE 3353 Manufacturing - Aluminum Sheet, Plate, And Foil

RESPONSIBLE OFFICIAL
NAME WILTON GODINHO
TITLE WORKS MANAGER

PERMIT CONTACT PERSON
NAME JOHN N MITCHELL
TITLE EHS SUPERINTENDENT
PHONE (717)270-4891

[SIGNATURE] 
LEIF ERICSON, SOUTH CENTRAL REGION AIR PROGRAM MANAGER

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ID	Source Name	Capacity	Fuel/Material
032	C-B BOILER	37.0 MMBTU/HR	Natural Gas
		37.0 MMBTU/HR	#2 Oil
033	SPACE HEATERS AND HEATED FAN HOUSES	72.7 MMBTU/HR	Natural Gas
		72.7 MMBTU/HR	#2 Oil
101	#1 ALUMINUM ROLLING MILL		ALUMINUM
102	#3 ALUMINUM ROLLING MILL		ALUMINUM
103	#5 ALUMINUM ROLLING MILL		ALUMINUM
105	#9 ALUMINUM ROLLING MILL		ALUMINUM
115	#59 TEXTURE SHEAR	4,500.0 CF/HR	Natural Gas
		700.0 Lbs/HR	COATING SOLVENT
116	#94 COATER	12,300.0 CF/HR	Natural Gas
		950.0 Lbs/HR	COATING SOLVENT
118	#6 ALUMINUM ROLLING MILL		ALUMINUM
120	#95 COATER	3,000.0 Lbs/HR	COATING SOLVENT
		15,000.0 CF/HR	Natural Gas
121	NO. 14 LAMINATOR	1,090.0 Lbs/HR	COATING SOLVENT
		21.0 MCF/HR	Natural Gas
129	#44 TEXTURE SHEAR		ALUMINUM
130	#84 COATER	115.0 Lbs/HR	COATING SOLVENT
		9,600.0 CF/HR	Natural Gas
131	NORTH MELT FURNACE		ALUMINUM
		20,000.0 CF/HR	Natural Gas
131A	NORTH HOLD FURNACE		ALUMINUM
		15,000.0 CF/HR	Natural Gas
131B	NORTH FILTER BOX		ALUMINUM
132	SOUTH MELT FURNACE	20,000.0 CF/HR	Natural Gas
			ALUMINUM
132A	SOUTH HOLD FURNACE	15,000.0 CF/HR	Natural Gas
			ALUMINUM
132B	SOUTH FILTER BOX		ALUMINUM
133	#2 ALUMINUM ROLLING MILL		ALUMINUM
134	CASTER SUPPORT BURNERS	14.0 MCF/HR	Natural Gas
137	# 92 COATER	1,100.0 Lbs/HR	COATING SOLVENT
		14,000.0 CF/HR	Natural Gas
161	ROUGH ANNEAL FURN. #61 & 62	45.2 MCF/HR	Natural Gas
			ALUMINUM COILS
161A	DX GENERATOR - ROUGH ANNEALS	3.0 MCF/HR	Natural Gas
164	FINISH ANNEAL FURN. 64-69	28,800.0 CF/HR	Natural Gas
			ALUMINUM COILS
164A	DX GENERATOR 325 - FINISH ANNEALS	3.0 MCF/HR	Natural Gas
164B	DX GENERATOR 326 - FINISH ANNEALS	3.0 MCF/HR	Natural Gas
170	HOMOGENIZING FURNACES #70-73	174,000.0 CF/HR	Natural Gas
			ALUMINUM COILS
201	SOLVENT CLEANING TANK		COATING SOLVENT
202	OIL HOUSE		LUBRICANTS
203	LACQUER MIX ROOM	620.0 Lbs/HR	COATING SOLVENT

ID	Source Name	Capacity	Fuel/Material
204	PARTS WASHERS		MINERAL SPIRITS
205	COATER CLEANUP (84,92,94,95)	17.0 Lbs/HR	COATING SOLVENT
301	TANK FARM - ROLLING OIL		LUBRICANTS
302	LUBRICANT TANKS		LUBRICANTS
303	OILY WASTE TANKS		OILY WASTE
304	SOLVENT TANKS		COATING/SOLVENT
305	CONVERTING TANKS		COATING/SOLVENT
306	HEXANE TANK		COATING SOLVENT
309	SOUTH SUMP		COATING/SOLVENT
310	LACQUER TANK		LACQUER
401	COOLING TOWERS	2,224.0 Tons/HR	WATER
402	DROSS HANDLING	1,430.0 Lbs/HR	DROSS
403	TIP ROOM		REFRACTORY
C01	MUNTERS MIST ELIMINATOR		
C02	MUNTERS MIST ELIMINATOR		
C03	SULZER ABSORBER/DISTILLER		
C05	MUNTERS MIST ELIMINATOR		
C14A	RAY SOLV #59 SHEAR		
C16	DUPONT CATALYTIC INCINER.		
C18	MUNTER MIST ELIMINATOR		
C20A	DUPONT CATALYTIC INCINER.		
C21	CATALYTIC INCINERATOR		
C29	ALCOA PEL ELECTRIC PRECIP		
C33	MUNTERS MIST ELIMINAT		
C37	DUPONT CATALYTIC INCINER.		
C403	TIP ROOM BAGHOUSE		
FM25	NATURAL GAS SUPPLY		
FM30	NO. 2 FUEL OIL		
S01	#1 MILL STACK		
S02	#3 MILL STACK		
S03	#5 MILL STACK		
S033	HEATERS STACKS		
S05	#9 MILL STACK		
S131A	FURNACE STACK		
S131B	N. FILTER BOX STACK		
S132A	FURNACE STACK		
S132B	S. FILTER BOX STACK		
S161A	STACK - DX GEN.		
S164A	STACK - DX GEN. 325		
S164B	STACK - DX GEN.326		
S18	#6 MILL STACK		
S201	MEK TANK EXHAUST		
S21	INCINERATOR STACK		
S29	ESP STACK		
S31	FURNACE STACK		

ID	Source Name	Capacity	Fuel/Material
S32	BOILER STACK		
S33	NO. 2 MILL STACK		
S37	INCINERATOR STACK		
S401	COOLING TOWER EXHAUST		
S403	BAGHOUSE STACK		
S61	FURNACE STACKS		
S64	FURNACES STACKS		
S70	FURNACES STACKS		
W01	HEXANE UNIT STACK		
W08	INCINERATOR STACK		
W13	INCINERATOR STACK		
W17	COATER STACK		
W18	COATER STACK		
Z130	COATER FUGITIVES		
Z134	CASTER SPT BURNER EXHAUST		
Z202	OIL HOUSE EMISSIONS		
Z203	LACQUER ROOM EMISSIONS		
Z204	PARTS WASHERS EMISSIONS		
Z205	CLEANUP EMISSIONS		
Z301	TANK FARM EMISSIONS		
Z302	LUBRICANT EMISSIONS		
Z303	TANK EMISSIONS		
Z304	TANK EMISSIONS		
Z305	TANK EMISSIONS		
Z306	TANK EMISSIONS		
Z309	TANK EMISSIONS		
Z310	TANK EMISSIONS		
Z402	DROSS HANDLING EMISSIONS		

FML Comb EP
FM25 -->032 -->S32

FML
FM30 -->
|
FML Comb EP
FM25 -->033 -->S033

Proc CD EP
101 -->C01 -->S01

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Proc CD EP
102 -->C02 -->S02

Proc CD EP
103 -->C03 -->S03

Proc CD EP
105 -->C05 -->S05

Proc CD EP
115 -->C14A -->W01

FML Proc CD EP
FM25 -->116 -->C16 -->W08

Proc CD EP
118 -->C18 -->S18

FML Proc CD EP
FM25 -->120 -->C20A -->W13

FML Proc CD EP
FM25 -->121 -->C21 -->S21

Proc CD EP
129 -->C29 -->S29

FML	Proc	EP
FM25	-->130	-->W17
		EP
		-->W18
		EP
		-->Z130

FML	Proc	EP
FM25	-->131	-->S31

FML	Proc	EP
FM25	-->131A	-->S131A

Proc	EP
131B	-->S131B

FML	Proc	EP
FM25	-->132	-->S132A

FML	Proc	EP
FM25	-->132A	-->S132A

Proc	EP
132B	-->S132B

Proc	CD	EP
133	-->C33	-->S33

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FML Proc EP
FM25 -->134 -->Z134

FML Proc CD EP
FM25 -->137 -->C37 -->S37

FML Proc EP
FM25 -->161 -->S61

FML Proc EP
FM25 -->161A -->S161A

FML Proc EP
FM25 -->164 -->S64

FML Proc EP
FM25 -->164A -->S164A

FML Proc EP
FM25 -->164B -->S164B

FML Proc EP
FM25 -->170 -->S70

Proc EP
201 -->S201

Proc EP
202 -->Z202

Proc EP
203 -->Z203

Proc EP
204 -->Z204

Proc EP
205 -->Z205

Proc EP
301 -->Z301

Proc EP
302 -->Z302

Proc EP
303 -->Z303

Proc EP
304 -->Z304

Proc EP
305 -->Z305

Proc EP
306 -->Z306

Proc EP
309 -->Z309

Proc EP
310 -->Z310

Proc EP
401 -->S401

Proc EP
402 -->Z402

Proc CD EP
403 -->C403 -->S403

#001 [25 Pa. Code §121.1]
Definitions

Words and terms that are not otherwise defined in this permit shall have the meanings set forth in Section 3 of the Air Pollution Control Act (35 P.S. § 4003) and 25 Pa. Code § 121.1.

#002 [25 Pa. Code §127.512(c)(4)]
Property Rights

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

#003 [25 Pa. Code §127.446(a) and (c)]
Permit Expiration

This permit is issued for a fixed term of 5 years from the effective date shown on page 2 of this permit. The terms and conditions of the expired permit shall automatically continue pending issuance of a new Title V permit, provided the permittee has submitted a timely and complete application and paid applicable fees required under 25 Pa. Code Chapter 127, Subchapter I and the Department is unable, through no fault of the permittee, to issue or deny a new permit before the expiration of the previous permit. An application is complete if it contains sufficient information to begin processing the application, has the applicable sections completed and has been signed by a responsible official.

#004 [25 Pa. Code §§127.412, 127.413, 127.414, 127.446(e) & 127.503]
Permit Renewal

(a) An application for the renewal of the Title V permit shall be submitted to the Department at least 6 months, and not more than 18 months, before the expiration date of this permit. The renewal application is timely if a complete application is submitted to the Department's Regional Air Manager within the timeframe specified in this permit condition.

(b) The application for permit renewal shall include the current permit number, the appropriate permit renewal fee, a description of any permit revisions and off-permit changes that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term.

(c) The renewal application shall also include submission of proof that

the local municipality and county, in which the facility is located, have been notified in accordance with 25 Pa. Code § 127.413. The application for renewal of the Title V permit shall also include submission of compliance review forms which have been used by the permittee to update information submitted in accordance with either 25 Pa. Code § 127.412(b) or § 127.412(j).

(d) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall submit such supplementary facts or corrected information during the permit renewal process. The permittee shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete renewal application was submitted but prior to release of a draft permit.

#005 [25 Pa. Code §§127.450(a)(4) & 127.464(a)]
Transfer of Ownership or Operational Control

(a) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership or operational control of the source shall be treated as an administrative amendment if:

(1) The Department determines that no other change in the permit is necessary;

(2) A written agreement has been submitted to the Department identifying the specific date of the transfer of permit responsibility, coverage and liability between the current and the new permittee; and

(3) A compliance review form has been submitted to the Department and the permit transfer has been approved by the Department.

(b) In accordance with 25 Pa. Code §127.464(a), this permit may not be transferred to another person except in cases of transfer-of-ownership which are documented and approved to the satisfaction of the Department.

#006 [25 Pa. Code §127.513, 35 P.S. §4008 and §114 of the CAA]
Inspection and Entry

(a) Upon presentation of credentials and other documents as may be required by law for inspection and entry purposes, the permittee shall allow the Department of Environmental Protection or authorized representatives of the Department to perform the following:

(1) Enter at reasonable times upon the permittee's premises where a Title V source is located or emissions related activity is conducted, or where records are kept under the conditions of this permit;

(2) Have access to and copy or remove, at reasonable times, records that are kept under the conditions of this permit;

(3) Inspect at reasonable times, facilities, equipment including monitoring and air pollution control equipment, practices, or operations regulated or required under this permit;

(4) Sample or monitor, at reasonable times, substances or parameters, for the purpose of assuring compliance with the permit or applicable requirements as authorized by the Clean Air Act, the Air Pollution Control Act, or the regulations promulgated under the Acts.

(b) Pursuant to 35 P.S. § 4008, no person shall hinder, obstruct, prevent or interfere with the Department or its personnel in the performance of any duty authorized under the Air Pollution Control Act.

(c) Nothing in this permit condition shall limit the ability of the EPA to inspect or enter the premises of the permittee in accordance with Section 114 or other applicable provisions of the Clean Air Act.

#007 [25 Pa. Code §§127.25, 127.444, & 127.512(c)(1)]
Compliance Requirements

(a) The permittee shall comply with the conditions of this permit. Noncompliance with this permit constitutes a violation of the Clean Air Act and the Air Pollution Control Act and is grounds for one or more of the following:

(1) Enforcement action

(2) Permit termination, revocation and reissuance or modification

(3) Denial of a permit renewal application

(b) A person may not cause or permit the operation of a source, which is subject to 25 Pa. Code Article III, unless the source(s) and air cleaning devices identified in the application for the plan approval and operating permit and the plan approval issued to the source are operated and maintained in accordance with specifications in the applications and the conditions in the plan approval and operating permit issued by the Department. A person may not cause or permit the operation of an air contamination source subject to 25 Pa. Code Chapter 127 in a manner

inconsistent with good operating practices.

(c) For purposes of Sub-condition (b) of this permit condition, the specifications in applications for plan approvals and operating permits are the physical configurations and engineering design details which the Department determines are essential for the permittee's compliance with the applicable requirements in this Title V permit. Nothing in this sub-condition shall be construed to create an independent affirmative duty upon the permittee to obtain a predetermination from the Department for physical configuration or engineering design detail changes made by the permittee.

#008 [25 Pa. Code §127.512(c)(2)]
Need to Halt or Reduce Activity Not a Defense

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

#009 [25 Pa. Code §§127.411(d) & 127.512(c)(5)]
Duty to Provide Information

(a) The permittee shall furnish to the Department, within a reasonable time, information that the Department may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit.

(b) Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to keep by this permit, or for information claimed to be confidential, the permittee may furnish such records directly to the Administrator of EPA along with a claim of confidentiality.

#010 [25 Pa. Code §§127.463, 127.512(c)(3) & 127.542]
Reopening and Revising the Title V Permit for Cause

(a) This Title V permit may be modified, revoked, reopened and reissued or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay a permit condition.

(b) This permit may be reopened, revised and reissued prior to expiration of the permit under one or more of the following circumstances:

(1) Additional applicable requirements under the Clean Air Act or the Air Pollution Control Act become applicable to a Title V facility with a remaining permit term of 3 or more years prior to the expiration date of this permit. The permit revision shall be completed within 18 months after promulgation of the applicable requirement. No such revision is required if the effective date of the requirement is later than the expiration date of this permit, unless the original permit or its terms and conditions has been extended.

(2) Additional requirements, including excess emissions requirements, become applicable to an affected source under the acid rain program. Upon approval by the Administrator of EPA, excess emissions offset plans for an affected source shall be incorporated into the permit.

(3) The Department or the EPA determines that this permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(4) The Department or the Administrator of EPA determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(c) Proceedings to revise this permit shall follow the same procedures which apply to initial permit issuance and shall affect only those parts of this permit for which cause to revise exists. The revision shall be made as expeditiously as practicable.

(d) Regardless of whether a revision is made in accordance with (b)(1) above, the permittee shall meet the applicable standards or regulations promulgated under the Clean Air Act within the time frame required by standards or regulations.

#011 [25 Pa. Code §127.543]
Reopening a Title V Permit for Cause by EPA

As required by the Clean Air Act and regulations adopted thereunder, this permit may be modified, reopened and reissued, revoked or terminated for cause by EPA in accordance with procedures specified in 25 Pa. Code § 127.543.

#012 [25 Pa. Code §127.541]
Significant Operating Permit Modifications

When permit modifications during the term of this permit do not qualify as minor permit modifications or administrative amendments, the permittee shall submit an application for significant Title V permit modifications in accordance with 25 Pa. Code § 127.541.

#013 [25 Pa. Code §§121.1 & 127.462]
Minor Operating Permit Modifications

(a) The permittee may make minor operating permit modifications (as defined in 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.

(b) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) shall extend to an operational flexibility change authorized by 25 Pa. Code § 127.462.

#014 [25 Pa. Code §127.450]
Administrative Operating Permit Amendments

(a) The permittee may request administrative operating permit amendments, as defined in 25 Pa. Code § 127.450(a), according to procedures specified in § 127.450. Administrative amendments are not authorized for any amendment precluded by the Clean Air Act or the regulations thereunder from being processed as an administrative amendment.

(b) Upon taking final action granting a request for an administrative permit amendment in accordance with § 127.450(c), the Department will allow coverage under 25 Pa. Code § 127.516 (relating to permit shield) for administrative permit amendments which meet the relevant requirements of 25 Pa. Code Article III, unless precluded by the Clean Air Act or the regulations thereunder.

#015 [25 Pa. Code §127.512(b)]
Severability Clause

The provisions of this permit are severable, and if any provision of this permit is determined by the Environmental Hearing Board or a court of competent jurisdiction to be invalid or unenforceable, such a determination will not affect the remaining provisions of this permit.

#016 [25 Pa. Code §§127.704, 127.705 & 127.707]
Fee Payment

(a) The permittee shall pay fees to the Department in accordance with the applicable fee schedules in 25 Pa. Code Chapter 127, Subchapter I (relating to plan approval and operating permit fees).

(b) Emission Fees. The permittee shall, on or before September 1st of each year, pay applicable annual Title V emission fees for emissions occurring in the previous calendar year as specified in 25 Pa. Code § 127.705. The permittee is not required to pay an emission fee for emissions of more than 4,000 tons of each regulated pollutant emitted from the facility.

(c) As used in this permit condition, the term "regulated pollutant" is defined as a VOC, each pollutant regulated under Sections 111 and 112 of the Clean Air Act and each pollutant for which a National Ambient Air Quality Standard has been promulgated, except that carbon monoxide is excluded.

(d) Late Payment. Late payment of emission fees will subject the permittee to the penalties prescribed in 25 Pa. Code § 127.707 and may result in the suspension or termination of the Title V permit. The permittee shall pay a penalty of fifty percent (50%) of the fee amount, plus interest on the fee amount computed in accordance with 26 U.S.C.A. § 6621(a)(2) from the date the emission fee should have been paid in accordance with the time frame specified in 25 Pa. Code § 127.705(c).

(e) The permittee shall pay an annual operating permit administration fee according to the fee schedule established in 25 Pa. Code § 127.704(c) if the facility, identified in subparagraph (iv) of the definition of the term "Title V facility" in 25 Pa. Code § 121.1, is subject to Title V after the EPA Administrator completes a rulemaking requiring regulation of those sources under Title V of the Clean Air Act.

(f) This permit condition does not apply to a Title V facility which qualifies for exemption from emission fees under 35 P.S. § 4006.3(f).

#017 [25 Pa. Code §§127.14(b) & 127.449]
Authorization for De Minimis Emission Increases

(a) This permit authorizes de minimis emission increases from a new or existing source in accordance with 25 Pa. Code §§ 127.14 and 127.449 without the need for a plan approval or prior issuance of a permit modification. The permittee shall provide the Department with 7 days prior written notice before commencing any de minimis emissions increase

that would result from either: (1) a physical change of minor significance under § 127.14(c)(1); or (2) the construction, installation, modification or reactivation of an air contamination source. The written notice shall:

(i) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.

(ii) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.

The Department may disapprove or condition de minimis emission increases at any time.

(b) Except as provided below in (c) and (d) of this permit condition, the permittee is authorized during the term of this permit to make de minimis emission increases (expressed in tons per year) up to the following amounts without the need for a plan approval or prior issuance of a permit modification:

(1) Four tons of carbon monoxide from a single source during the term of the permit and 20 tons of carbon monoxide at the facility during the term of the permit.

(2) One ton of NO_x from a single source during the term of the permit and 5 tons of NO_x at the facility during the term of the permit.

(3) One and six-tenths tons of the oxides of sulfur from a single source during the term of the permit and 8.0 tons of oxides of sulfur at the facility during the term of the permit.

(4) Six-tenths of a ton of PM₁₀ from a single source during the term of the permit and 3.0 tons of PM₁₀ at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(5) One ton of VOCs from a single source during the term of the permit and 5.0 tons of VOCs at the facility during the term of the permit. This shall include emissions of a pollutant regulated under Section 112 of the Clean Air Act unless precluded by the Clean Air Act or 25 Pa. Code Article III.

(c) In accordance with § 127.14, the permittee may install the following minor sources without the need for a plan approval:

(1) Air conditioning or ventilation systems not designed to remove pollutants generated or released from other sources.

(2) Combustion units rated at 2,500,000 or less Btu per hour of heat input.

(3) Combustion units with a rated capacity of less than 10,000,000 Btu per hour heat input fueled by natural gas supplied by a public utility, liquified petroleum gas or by commercial fuel oils which are No. 2 or lighter, viscosity less than or equal to 5.82 c St, and which meet the sulfur content requirements of 25 Pa. Code § 123.22 (relating to combustion units). For purposes of this permit, commercial fuel oil shall be virgin oil which has no reprocessed, recycled or waste material added.

(4) Space heaters which heat by direct heat transfer.

(5) Laboratory equipment used exclusively for chemical or physical analysis.

(6) Other sources and classes of sources determined to be of minor significance by the Department.

(d) This permit does not authorize de minimis emission increases if the emissions increase would cause one or more of the following:

(1) Increase the emissions of a pollutant regulated under Section 112 of the Clean Air Act except as authorized in Subparagraphs (b)(4) and (5) of this permit condition.

(2) Subject the facility to the prevention of significant deterioration requirements in 25 Pa. Code Chapter 127, Subchapter D and/or the new source review requirements in Subchapter E.

(3) Violate any applicable requirement of the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.

(4) Changes which are modifications under any provision of Title I of the Clean Air Act and emission increases which would exceed the allowable emissions level (expressed as a rate of emissions or in terms of total emissions) under the Title V permit.

(e) Unless precluded by the Clean Air Act or the regulations thereunder, the permit shield described in 25 Pa. Code § 127.516 (relating to permit shield) applies to de minimis emission increases and the installation of minor sources made pursuant to this permit condition.

(f) Emissions authorized under this permit condition shall be included in the monitoring, recordkeeping and reporting requirements of this permit.

(g) Except for de minimis emission increases allowed under this permit, 25 Pa. Code § 127.449, or sources and physical changes meeting the requirements of 25 Pa. Code § 127.14, the permittee is prohibited from making physical changes or engaging in activities that are not specifically authorized under this permit without first applying for a plan approval. In accordance with § 127.14(b), a plan approval is not required for the construction, modification, reactivation, or installation of the sources creating the de minimis emissions increase.

(h) The permittee may not meet de minimis emission threshold levels by offsetting emission increases or decreases at the same source.

#018 [25 Pa. Code §§127.11a & 127.215]
Reactivation of Sources

(a) The permittee may reactivate a source at the facility that has been out of operation or production for at least one year, but less than or equal to 5 years, if the source is reactivated in accordance with the requirements of 25 Pa. Code §§ 127.11a and 127.215. The reactivated source will not be considered a new source.

(b) A source which has been out of operation or production for more than 5 years but less than 10 years may be reactivated and will not be considered a new source if the permittee satisfies the conditions specified in 25 Pa. Code § 127.11a(b).

#019 [25 Pa. Code §§121.9 & 127.216]
Circumvention

(a) The owner of this Title V facility, or any other person, may not circumvent the new source review requirements of 25 Pa. Code Chapter 127, Subchapter E by causing or allowing a pattern of ownership or development, including the phasing, staging, delaying or engaging in incremental construction, over a geographic area of a facility which, except for the pattern of ownership or development, would otherwise require a permit or submission of a plan approval application.

(b) No person may permit the use of a device, stack height which exceeds good engineering practice stack height, dispersion technique or other technique which, without resulting in reduction of the total amount of

air contaminants emitted, conceals or dilutes an emission of air contaminants which would otherwise be in violation of this permit, the Air Pollution Control Act or the regulations promulgated thereunder, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#020 [25 Pa. Code §§127.402(d) & 127.513(1)]
Submissions

(a) Reports, test data, monitoring data, notifications and requests for renewal of the permit shall be submitted to the:

Regional Air Program Manager
PA Department of Environmental Protection
(At the address given on the permit transmittal letter,
or otherwise notified)

(b) Any report or notification for the EPA Administrator or EPA Region III should be addressed to:

Enforcement Programs Section (3AT13)
United States Environmental Protection Agency
Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

(c) An application, form, report or compliance certification submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy, and completeness as required under 25 Pa. Code § 127.402(d).

(d) Unless otherwise required by the Clean Air Act or regulations adopted thereunder, a responsible official of the facility shall certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate, and complete.

#021 [25 Pa. Code §127.441(c) & Chapter 139; §§114(a)(3), 504(b) of the CAA]
Sampling, Testing and Monitoring Procedures

(a) The permittee shall perform the emissions monitoring and analysis procedures or test methods for applicable requirements of this Title V permit. In addition to the sampling, testing and monitoring procedures specified in this permit, the Permittee shall comply with any additional applicable requirements promulgated after permit issuance regardless of

whether the permit is revised.

(b) The sampling, testing and monitoring required under the applicable requirements of this permits, shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139 unless alternative methodology is required by the Clean Air Act (including §§ 114(a)(3) and 504(b)) and regulations adopted thereunder.

#022 [25 Pa. Code §§127.511 & Chapter 135]
Recordkeeping Requirements

(a) The permittee shall maintain and make available, upon request by the Department, the following records of monitoring information:

(1) The date, place (as defined in the permit) and time of sampling or measurements.

(2) The dates the analyses were performed.

(3) The company or entity that performed the analyses.

(4) The analytical techniques or methods used.

(5) The results of the analyses.

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

(b) The permittee shall retain records of the required monitoring data and supporting information for at least five (5) years from the date of the monitoring, sample, measurement, report or application. Supporting information includes the calibration data and maintenance records and original strip-chart recordings for continuous monitoring instrumentation, and copies of reports required by the permit.

(c) The permittee shall maintain and make available to the Department upon request, records including computerized records that may be necessary to comply with the reporting, recordkeeping and emission statement requirements in 25 Pa. Code Chapter 135 (relating to reporting of sources). In accordance with 25 Pa. Code Chapter 135, § 135.5, such records may include records of production, fuel usage, maintenance of production or pollution control equipment or other information determined by the Department to be necessary for identification and quantification of potential and actual air contaminant emissions. If direct recordkeeping is not possible or practical, sufficient records shall be

kept to provide the needed information by indirect means.

#023 [25 Pa. Code §§ 127.411(d), 127.442 & 127.511(c)]
Reporting Requirements

(a) The permittee shall comply with the reporting requirements for the applicable requirements specified in this Title V permit. In addition to the reporting requirements specified herein, the permittee shall comply with any additional applicable reporting requirements promulgated after permit issuance regardless of whether the permit is revised.

(b) Pursuant to 25 Pa. Code § 127.511(c), the permittee shall submit reports of required monitoring at least every six months unless otherwise specified in this permit. Instances of deviations (as defined in 25 Pa. Code § 121.1) from permit requirements shall be clearly identified in the reports. The reporting of deviations shall include the probable cause of the deviations and corrective actions or preventative measures taken, except that sources with continuous emission monitoring systems shall report according to the protocol established and approved by the Department for the source. The required reports shall be certified by a responsible official.

(c) Every report submitted to the Department under this permit condition shall comply with the submission procedures specified in Section B, Condition #020(c) of this permit.

(d) Any records, reports or information obtained by the Department or referred to in a public hearing shall be made available to the public by the Department except for such records, reports or information for which the permittee has shown cause that the documents should be considered confidential and protected from disclosure to the public under Section 4013.2 of the Air Pollution Control Act and consistent with Sections 112(d) and 114(c) of the Clean Air Act and 25 Pa. Code § 127.411(d). The permittee may not request a claim of confidentiality for any emissions data generated for the Title V facility.

#024 [25 Pa. Code §127.513]
Compliance Certification

(a) Within one year from the date of issuance of the Title V permit and each year thereafter, the permittee shall submit to the Department and EPA Region III a certification of compliance with the terms and conditions in this permit including the emission limitations, standards or work practices. This certification shall include:

(1) The identification of each term or condition of the permit that

is the basis of the certification.

(2) The compliance status.

(3) The methods used for determining the compliance status of the source, currently and over the reporting period.

(4) Whether compliance was continuous or intermittent.

(b) The compliance certification shall be submitted to the Department and EPA in accordance with the submission requirements specified in permit condition #020 of this section.

#025 [25 Pa. Code §127.3]
Operational Flexibility

(a) The permittee is authorized to make changes within the Title V facility in accordance with the following provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements of Section 502(b)(10) of the Clean Air Act and section 6.1(i) of the Air Pollution Control Act:

(1) Section 127.14 (relating to exemptions)

(2) Section 127.447 (relating to alternative operating scenarios)

(3) Section 127.448 (relating to emissions trading at facilities with Federally enforceable emissions caps)

(4) Section 127.449 (relating to de minimis emission increases)

(5) Section 127.450 (relating to administrative operating permit amendments)

(6) Section 127.462 (relating to minor operating permit amendments)

(7) Subchapter H (relating to general plan approvals and operating permits)

(b) Unless precluded by the Clean Air Act or the regulations adopted thereunder, the permit shield authorized under 25 Pa. Code § 127.516 shall extend to operational flexibility changes made at this Title V facility pursuant to this permit condition and other applicable operational flexibility terms and conditions of this permit.

#026 [25 Pa. Code §§127.441(d), 127.512(i) and 40 CFR Part 68]
Risk Management

(a) If required by Section 112(r) of the Clean Air Act, the permittee shall develop and implement an accidental release program consistent with requirements of the Clean Air Act, 40 CFR Part 68 (relating to chemical accident prevention provisions) and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act (P.L. 106-40).

(b) The permittee shall prepare and implement a Risk Management Plan(RMP) which meets the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68 and the Federal Chemical Safety Information, Site Security and Fuels Regulatory Relief Act when a regulated substance listed in 40 CFR § 68.130 is present in a process in more than the listed threshold quantity at the Title V facility . The permittee shall prepare and implement the RMP according to the following schedule and requirements:

(1) The permittee shall submit the first RMP to a central point specified by EPA no later than the latest of the following:

(i) June 21, 1999;

(ii) Three years after the date on which a regulated substance is first listed under § 68.130; or

(iii) The date on which a regulated substance is first present above a threshold quantity in a process.

(2) The permittee shall submit any additional relevant information requested by the Department or EPA concerning the RMP and shall make subsequent submissions of RMPs in accordance with 40 CFR § 68.190.

(3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 CFR Part 68, including a checklist addressing the required elements of a complete RMP.

(c) As used in this permit condition, the term "process" shall be as defined in 40 CFR § 68.3. The term "process" means any activity involving a regulated substance including any use, storage, manufacturing, handling, or on-site movement of such substances or any combination of these activities. For purposes of this definition, any group of vessels that are interconnected, or separate vessels that are located such that a regulated substance could be involved in a potential release, shall be considered a single process.

(d) If the Title V facility is subject to 40 CFR Part 68, as part of the

certification required under this permit, the permittee shall:

(1) Submit a compliance schedule for satisfying the requirements 40 CFR Part 68 by the date specified in 40 CFR § 68.10(a); or

(2) Certify that the Title V facility is in compliance with all requirements of 40 CFR Part 68 including the registration and submission of the RMP.

(e) If the Title V facility is subject to 40 CFR Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for five years in accordance with 40 CFR § 68.200.

(f) When the Title V facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 CFR Part 68, appropriate enforcement action will be taken by the Department if:

(1) The permittee fails to register and submit the RMP or a revised plan pursuant to 40 CFR Part 68.

(2) The permittee fails to submit a compliance schedule or include a statement in the compliance certification required under Condition #24 of Section B of this Title V permit that the Title V facility is in compliance with the requirements of Section 112(r) of the Clean Air Act, 40 CFR Part 68, and 25 Pa. Code § 127.512(i).

#027 [25 Pa. Code § 127.512(e)]

Approved Economic Incentives and Emission Trading Programs

No permit revision shall be required under approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this Title V permit.

#028 [25 Pa. Code §§ 127.516, 127.450(d), 127.449(f) & 127.462(g)]

Permit Shield

(a) The permittee's compliance with the conditions of this permit shall be deemed in compliance with applicable requirements (as defined in 25 Pa. Code §121.1) as of the date of permit issuance if either of the following applies:

(1) The applicable requirements are included and are specifically identified in this permit.

(2) The Department specifically identifies in the permit other requirements that are not applicable to the permitted facility or source.

(b) Nothing in 25 Pa. Code § 127.516 or the Title V permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act, including the authority of the Administrator of the EPA provided thereunder.

(2) The liability of the permittee for a violation of an applicable requirement prior to the time of permit issuance.

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act.

(4) The ability of the EPA to obtain information from the permittee under Section 114 of the Clean Air Act.

(c) Unless precluded by the Clean Air Act or regulations thereunder, final action by the Department on minor or significant permit modifications, and operational flexibility changes shall be covered by the permit shield. Upon taking final action granting a request for an administrative permit amendment, the Department will allow coverage of the amendment by the permit shield in § 127.516 for administrative amendments which meet the relevant requirements of 25 Pa. Code Article III.

(d) The permit shield authorized under § 127.516 is in effect for the permit terms and conditions in this Title V permit, including administrative operating permit amendments and minor operating permit modifications.

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

No person shall permit the emission into the outdoor atmosphere of any fugitive air contaminant from a source other than the following:

- (a) Construction or demolition of buildings or structures.
- (b) Grading, paving and maintenance of roads and streets.
- (c) Use of roads and streets. Emissions from material in or on trucks, railroad cars and other vehicular equipment are not considered as emissions from use of roads and streets.
- (d) Clearing of land.
- (e) Stockpiling of materials.
- (f) Open burning operations.
- (g) Sources and classes of sources other than those identified above, for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - 1) the emissions are of minor significance with respect to causing air pollution;
 - 2) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air standard.

#002 [25 Pa. Code §123.2]

Fugitive particulate matter

No person shall permit the emission of particulate matter into the outdoor atmosphere from a source specified in Section C, Condition 001 if the emissions are visible at the point the emissions pass outside the person's property.

#003 [25 Pa. Code §123.31]

Limitations

No person shall permit the emission into the outdoor atmosphere of any malodorous air contaminants from any source in such a manner that the malodors are detectable outside the property of the person on whose land the source is being operated.

#004 [25 Pa. Code §123.41]

Limitations

No person shall permit the emission into the outdoor atmosphere of visible air contaminants in such a manner that the opacity of the emission is either of the following:

- (1) Equal to or greater than 20% for a period or periods aggregating more than three minutes in any 1 hour.
- (2) Equal to or greater than 60 % at any time.

#005 [25 Pa. Code §123.42]

Exceptions

The emission limitations of Section 123.41 shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitation;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emission results from sources specified in Site Level Requirements Condition 001 (relating to prohibition of certain fugitive emissions).

#006 [25 Pa. Code §129.14]

Open burning operations

(a) No person shall conduct the open burning of material in an area outside of the established air basins in a manner that:

- (1) The emissions are visible, at any time, at the point such emissions pass outside the property of the person on whose land the open burning is being conducted.
- (2) Malodorous air emissions from the open burning are detectable outside

the property of the person on whose land the open burning is being conducted.

(3) The emissions interfere with the reasonable enjoyment of life and property.

(4) The emissions cause damage to vegetation or property.

(5) The emissions are or may be deleterious to human or animal health.

(b) The above requirements do not apply when the open burning results from:

(1) A fire set to prevent or abate a fire hazard when approved by the Department and set by or under the supervision of a public officer.

(2) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.

(3) A fire set for the prevention and control of disease or pests, when approved by the Department.

(4) A fire set solely for recreational or ceremonial purposes.

(5) A fire set solely for cooking food.

II. TESTING REQUIREMENTS.

#007 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Department reserves the right to require exhaust stack testing of the sources and control devices referenced in this operating permit as necessary during the permit term to verify emissions for purposes including emission fees, malfunctions or permit condition violations.

III. MONITORING REQUIREMENTS.

#008 [25 Pa. Code §123.43]

Measuring techniques

Visible air contaminants may be measured using either of the following:

(1) A device approved by the Department and maintained to provide accurate opacity measurements.

(2) Observers, trained and certified, to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

#009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall conduct a weekly inspection around the plant periphery during daylight hours when the plant is in production to detect visible stack emissions, visible emissions leaving the premises and odorous air emissions as follows:

(a) Visible stack emissions in excess of the limits stated in Section C, Condition 004. Stack emissions may be measured according to the methods specified in Section C, Condition 008, or alternatively, plant personnel who observe such emissions shall immediately report the incidence of visible emissions to the designated company representative who shall make arrangements for a certified observer to verify the visible emissions.

(b) The presence of visible emissions beyond the plant boundaries as stated in Section C, Condition 002.

(c) The presence of odorous air emissions beyond the plant boundaries as stated in Section C, Condition 003.

#010 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

(a) The permittee shall monitor and record the pressure drop across each scrubber, fabric filter or other particulate matter control device and water flow to each wet scrubber. At a minimum, these readings shall be taken once per week while the sources and control devices are in operation. These records shall be maintained on-site for the most recent five-year period and made available to Department representatives upon request.

(b) The Department's field operations representative and company personnel shall cooperatively establish the appropriate range of pressure drops for each of the facility's particulate matter control devices as per the manufacturer's general recommendations.

IV. RECORDKEEPING REQUIREMENTS.

#011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Certified Product Data Sheets (CPDS) or manufacturer's data for each rolling lubricant, coating and solvent used at the facility shall be maintained at the facility for the most recent five-year period; this information shall be made available to Department representatives upon request.

#012 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain and provide the following information to the Department to obtain credit for VOC-containing waste materials sent off-site for recycling or incineration at a legally permitted facility:

- a. amount per quarter of VOC-containing waste shipped from the facility
- b. waste profile or sampling data for each shipment
- c. identification of the waste disposal company for each shipment

#013 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall maintain detailed records of all maintenance performed on the air emissions control systems for the most recent five-year period.

#014 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

All records required by this operating permit and subsequent renewals shall be maintained for the most recent five-year period and made available to Department representatives upon request.

#015 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall maintain a logbook and record instances of visible stack emissions, visible emissions leaving the premises and odorous air emissions leaving the premises, the name of the company representative monitoring each instance, the date and time of each occurrence, and the wind direction during each instance.

V. REPORTING REQUIREMENTS.

#016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

An annual report containing the following data for all VOC-containing coating solvents used at the facility shall be submitted to the Harrisburg District Supervisor:

- a. identification of each solvent
- b. gallons per quarter of each solvent used
- c. pounds per year of VOC emissions from solvent use

#017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

An annual report as per 25 Pa. Code Section 129.95 containing, but not limited to, the following data for each combustion source shall be submitted to the Harrisburg District Supervisor:

- a. identification of each source
- b. hours of operation per quarter
- c. estimated fuel consumption per quarter
- d. fuel analysis or certification for each liquid fuel shipment
- e. pounds of NOx emitted per quarter

#018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

All reports required by this operating permit for each January 1 through December 31 period are due no later than March 1 of the following year for each year authorized by the operating permit or its renewal.

#019 [25 Pa. Code §127.442]

Reporting requirements.

The permittee shall report malfunctions which occur at the Title V facility to the Department. A malfunction is defined as any sudden, infrequent, and not reasonably preventable failure of air pollution control equipment, process equipment, or a process to operate in a normal or usual manner. Failures that are caused in part by poor maintenance or careless operation are not malfunctions. Malfunctions shall be reported as follows:

- (a) Malfunctions which occur at the Title V facility and which pose an imminent danger to public health, safety, welfare and the environment, shall be immediately reported to the Department by telephone. The telephone report of such malfunctions shall occur no later than two hours

after the incident. The permittee shall submit a written report of instances of such malfunctions to the Department within three (3) days of the telephone report.

(b) Unless otherwise required by this permit, any other malfunction that is not subject to the reporting requirements of Condition 019(a), shall be reported to the Department, in writing, within five (5) days of discovery of the malfunction.

VI. WORK PRACTICE STANDARDS.

#020 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

The permittee shall take all reasonable actions to prevent particulate matter from the sources identified in Site Level Requirements Condition 001 (a) through (e) from becoming airborne. The actions shall include, but are not limited to, the following:

(1) Use, where possible, of water or chemicals for control of dust in the demolition of buildings or structures, construction operations, the grading of roads or the clearing of land.

(2) Application of asphalt, oil, water or suitable chemicals on dirt roads, materials stockpiles and other surfaces which may give rise to airborne dusts.

(3) Paving and maintenance of roadways.

(4) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

#021 [25 Pa. Code §127.444]

Compliance requirements.

All air pollution sources and air pollution control devices shall be operated and maintained in accordance with the manufacturers' general recommendations and good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

#022 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Operation of any air emissions source is contingent upon proper operation of its associated emissions control system, unless otherwise approved by the Department.

#023 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Within six months of this permit issuance date, the permittee shall submit a revised Reasonably Available Control Technology plan to the Department for the Lebanon Works as per 25 Pa. Code Sections 129.91 - 129.95.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 032
Source Name: C-B BOILER

SOURCE CAPACITY:

37.0 MMBTU/HR Natural Gas
37.0 MMBTU/HR #2 Oil

FML Comb EP
FM25 -->032 -->S32

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.11]

Combustion units

No person shall permit the emission into the outdoor atmosphere of particulate matter from the Source ID 032 boiler in excess of 0.4 pound per million Btu of heat input.

#002 [25 Pa. Code §123.22]

Combustion units

No person shall permit the emission into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, from the Source ID 032 boiler in excess of the rate of 4 pounds per million Btu of heat input over any 1-hour period.

[Compliance with the above streamlined requirement assures compliance with the SIP-approved sulfur dioxide emission limit specified in 40 CFR 52.2020(c)(1)]

Fuel Restriction(s).

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate the Source ID 032 boiler on commercial natural gas or No. 2 fuel oil with a maximum sulfur content of 0.5% by weight.

[The sulfur content limit is specified in 25 Pa. Code Section 123.22]

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall monitor the sulfur content in the commercial No. 2 fuel oil by laboratory analysis or fuel supplier's certification, for each fuel shipment received.

IV. RECORDKEEPING REQUIREMENTS.

#005 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall maintain records of all fuel oil analyses or fuel oil certifications for each shipment of No. 2 fuel oil received for the most recent five-year period. These records shall be made available to Department representatives upon request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 033

Source Name: SPACE HEATERS AND HEATED FAN HOUSES

SOURCE CAPACITY:

72.7 MMBTU/HR Natural Gas
72.7 MMBTU/HR #2 Oil

FML
FM30 -->
|
FML Comb EP
FM25 -->033 -->S033

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

No person shall permit the emission into the outdoor atmosphere of particulate matter emissions from the individual Source 033 heaters and fan houses in excess of 0.04 grain per dry standard cubic foot of effluent gas.

#002 [25 Pa. Code §123.21]

General

Sulfur oxides emissions, expressed as sulfur dioxide, from the individual Source ID 033 space heaters and heated fan houses shall not exceed a concentration of 500 parts per million, by volume, dry basis, in the effluent gas from each unit.

Fuel Restriction(s).

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate the Source ID 033 heaters and fan houses on commercial natural gas or No. 2 fuel oil with a maximum sulfur content of 0.5% by weight.

[The sulfur content limit is specified in 25 pa. Code Section 123.22]

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall monitor the sulfur content in the No. 2 fuel oil by laboratory analysis or fuel supplier's certification, for each fuel shipment received.

IV. RECORDKEEPING REQUIREMENTS.

#005 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall maintain records of all fuel oil analyses or fuel oil certifications for each shipment of fuel oil received for the most recent five-year period. These records shall be made available to Department representatives upon request.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 101

Source Name: #1 ALUMINUM ROLLING MILL

SOURCE CAPACITY:

ALUMINUM

This source occurs in the following groups: 004 ROLLING MILLS

Proc	CD	EP
101	-->C01	-->S01

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 102

Source Name: #3 ALUMINUM ROLLING MILL

SOURCE CAPACITY:

ALUMINUM

This source occurs in the following groups: 004 ROLLING MILLS

Proc	CD	EP
102	-->C02	-->S02

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 103
Source Name: #5 ALUMINUM ROLLING MILL

SOURCE CAPACITY:

ALUMINUM

This source occurs in the following groups: 004 ROLLING MILLS

Proc	CD	EP
103	-->C03	-->S03

I. RESTRICTIONS.

Control Device Efficiency Restriction(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The ID C03 Sulzer absorber/distiller shall be operated in such a manner to achieve a minimum VOC removal efficiency of 95% (mass basis) over a range of inlet loadings from 100 lb/hour to 400 lb/hour in a volume less than or equal to 30,000 ACFM.

II. TESTING REQUIREMENTS.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall annually demonstrate compliance with the VOC removal efficiency requirement for the ID C03 Sulzer absorber/distiller unit by stack testing as per 25 Pa. Code Chapter 139 and the Department's Source Testing Manual.

III. MONITORING REQUIREMENTS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall provide instrumentation to measure the following for Source ID 103 and the C03 absorber/distiller unit:

- pressure drop across the mist eliminator
- inlet gas temperature at the absorption system
- wash oil reflux temperature
- wash oil circulation flow rate
- wash oil reflux rate
- distillation pressure

g. outlet concentration of VOC by FID

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 105

Source Name: #9 ALUMINUM ROLLING MILL

SOURCE CAPACITY:

ALUMINUM

This source occurs in the following groups: 004 ROLLING MILLS

Proc	CD	EP
105	-->C05	-->S05

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 115

Source Name: #59 TEXTURE SHEAR

SOURCE CAPACITY:

4,500.0 CF/HR Natural Gas
700.0 Lbs/HR COATING SOLVENT

This source occurs in the following groups: 003 SURFACE COATERS

Proc CD EP
115 -->C14A -->W01

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

VOC emissions from the No. 59 Texture Shear, Source ID 115, shall not exceed 10% of the VOC applied per calendar month as per 40 CFR 60.462(a)(3).

Operating Schedule Restriction(s).

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall discontinue the operation of the No. 59 texture shear if the boiler which supplies steam to the carbon adsorption system malfunctions or is out of operation.

[The above requirement was included in Operating Permit No. 38-318-012B]

Control Device Efficiency Restriction(s).

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The carbon adsorption emission control system, ID C14A, shall be operated in such a manner to provide a minimum overall VOC control efficiency of 97% by weight.

[The above requirement was included in Operating Permit No. 38-318-012B]

II. TESTING REQUIREMENTS.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall annually demonstrate compliance with Condition 003, above, by testing as per 40 CFR Part 60.466 or other methods approved by EPA.

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with 40 CFR 60.463(c)(3), the permittee shall maintain records of the total mass of VOC consumed and the total mass of VOC recovered during each calendar month. The calculated overall reduction must be equal to or greater than 90% on a calendar month basis. The appropriate equations from 40 CFR 60.463 shall be used in these calculations.

These records shall be maintained for the most recent five-year period and shall be made available to Department representatives upon request.

V. REPORTING REQUIREMENTS.

#006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with 40 CFR 60.465(c), the permittee shall report compliance with the emissions limits contained in 40 CFR 60.462 as per the following:

(a) written reports shall be provided to the Department and the EPA for each calendar quarter in which any exceedance of the emission limit specified in 40 CFR 60.462(a)(3) occurs, or

(b) written reports may be submitted on a semiannual basis for those periods in which no exceedances of the specified emission limit have occurred.

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

#007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The No. 59 Texture Shear, Source ID 115, is subject to 40 CFR Part 60, Subpart TT - Standards of Performance for Metal Coil Surface Coating and shall comply with all requirements of the Subpart. 40 CFR 60.4 requires submission of all requests, applications, submittals and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division
U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 116

Source Name: #94 COATER

SOURCE CAPACITY:

12,300.0 CF/HR Natural Gas
950.0 Lbs/HR COATING SOLVENT

This source occurs in the following groups: 003 SURFACE COATERS

FML Proc CD EP
FM25 -->116 -->C16 -->W08

I. RESTRICTIONS.

Throughput Restriction(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The #94 Coater, Source ID 116, shall not be considered an affected facility as per 40 CFR Part 63, Subpart KK provided the following requirements are met:

(a) the total mass of all inks, a coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied via rotogravure printing each month does not exceed 5 weight-percent of the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the coater in each month, and

(b) the permittee maintains records as required in 40 CFR 63.829(f).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 118

Source Name: #6 ALUMINUM ROLLING MILL

SOURCE CAPACITY:

ALUMINUM

This source occurs in the following groups: 004 ROLLING MILLS

Proc	CD	EP
118	-->C18	-->S18

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 120
Source Name: #95 COATER

SOURCE CAPACITY:	3,000.0 Lbs/HR	COATING SOLVENT
	15,000.0 CF/HR	Natural Gas

This source occurs in the following groups: 003 SURFACE COATERS

FML	Proc	CD	EP
FM25	-->120	-->C20A	-->W13

I. RESTRICTIONS.

Throughput Restriction(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The #95 Coater, Source ID 120, shall not be considered an affected facility as per 40 CFR Part 63, Subpart KK provided the following requirements are met:

- (a) the sum of the total mass of all inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied via rotogravure printing each month does not exceed 5 weight-percent of the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the coater in each month, and
- (b) the permittee maintains records as required in 40 CFR 63.829(f).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 121

Source Name: NO. 14 LAMINATOR

SOURCE CAPACITY:

1,090.0 Lbs/HR COATING SOLVENT
21.0 MCF/HR Natural Gas

This source occurs in the following groups: 003 SURFACE COATERS

FML Proc CD EP
FM25 -->121 -->C21 -->S21

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

VOC emissions from the No. 14 Laminator, Source ID 121, shall not exceed 32.7 pounds per hour, 785 pounds per day or 23.5 TPY per consecutive 12-month period. Records to verify these limits shall be maintained on-site for the most recent five-year period and shall be made available to Department representatives upon request.

[The above requirement was included in Plan Approval No. 38-318-031]

Throughput Restriction(s).

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The thickness of all substrates coated on the No. 14 Laminator, Source ID 121, shall be less than 0.006 inches. Records to verify compliance with this requirement shall be maintained on-site for the most recent five-year period and shall be made available to Department representatives upon request.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The No. 14 Laminator, Source ID 121, shall not be considered an affected facility as per 40 CFR Part 63, Subpart KK provided the following requirements are met:

(a) the sum of the total mass of all inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials

applied via rotogravure printing each month does not exceed 5 weight-percent of the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the coater in each month, and

(b) the permittee maintain records as required in 40 CFR 63.829(f).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 129

Source Name: #44 TEXTURE SHEAR

SOURCE CAPACITY:

ALUMINUM

Proc	CD	EP
129	-->C29	-->S29

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from the #44 Texture Shear, Source ID 129, shall not exceed 0.04 grain per dry standard cubic foot of effluent gas.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 130
Source Name: #84 COATER

SOURCE CAPACITY: 115.0 Lbs/HR COATING SOLVENT
 9,600.0 CF/HR Natural Gas

This source occurs in the following groups: 003 SURFACE COATERS

FML	Proc	EP
FM25	-->130	-->W17
		EP
		-->W18
		EP
		-->Z130

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

As per 40 CFR 63.825 (b)(5), the permittee shall demonstrate that the monthly average as-applied organic HAP content is less than 0.20 kg HAP per kg of solids applied. The appropriate methods contained in 40 CFR 63.463 shall be used in the demonstration.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

As per 40 CFR 63.825(b), Coater #84 (Source ID 130) is subject to the following emission limits:

- (a) organic HAP emissions shall not exceed 5% of the organic HAP applied for the month, or
- (b) emissions shall not exceed 4% of the total mass of inks, coatings, varnishes, adhesives, primers, solvents, reducers, thinners and other materials applied for the month, or
- (c) emissions shall not exceed 20% of the mass of solids applied for the month.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

As per 40 CFR 63.827(c)(2) and (c)(3), the permittee shall determine the volatile matter and solids weight-fraction of each ink, coating, varnish, adhesive, primer, solvent reducer, thinner, diluent and other material applied using Method 24 of 40 CFR 60, Appendix A or an alternative technique approved by the Department and the EPA.

The Method 24 determination may be performed by the manufacturer of the material and the results provided to the permittee.

If these values cannot be determined using Method 24, the permittee may rely on formulation data, subject to the provisions of 40 CFR 63.827(c)(3).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

As per 40 CFR 63.827(b)(2), the permittee may determine the organic HAP content of the materials applied by one of the following:

- (a) Method 311 as specified on Appendix A to 40 CFR Part 63, or
- (b) Method 24 as specified in Appendix A to 40 CFR Part 60 and assume that the VOC is 100% HAP, or
- (c) manufacturer's certified product data sheet (CPDS) documentation in accordance with 40 CFR 63.827(b)(iii)(A) and (B).

IV. RECORDKEEPING REQUIREMENTS.

#005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records sufficient to demonstrate compliance with the provisions of 40 CFR Part 63 as per 40 CFR 63.829. These records shall be maintained on-site for the most recent five-year period and shall be made available to Department representatives upon request.

V. REPORTING REQUIREMENTS.

#006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit a semi-annual summary report to the Department and to the EPA as per 40 CFR Part 63, Subpart A and 40 CFR 63.830.

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

#007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Coater #84, Source ID 130, is subject to 40 CFR Part 63, Subpart KK - National Emissions Standards for the Printing and Publishing Industry and shall comply with all applicable provisions of that Subpart. All notifications, requests, reports, and other communications required under this Subpart shall be sent to both the EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division
US EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 131

Source Name: NORTH MELT FURNACE

SOURCE CAPACITY:

20,000.0 CF/HR ALUMINUM
Natural Gas

This source occurs in the following groups: 001 MELTING AND HOLDING UNITS

FML Proc EP
FM25 -->131 -->S31

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 131A
Source Name: NORTH HOLD FURNACE

SOURCE CAPACITY:	15,000.0 CF/HR	ALUMINUM
		Natural Gas

This source occurs in the following groups: 001 MELTING AND HOLDING UNITS

FML Proc EP
FM25 -->131A -->S131A

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 131B
Source Name: NORTH FILTER BOX

SOURCE CAPACITY:

ALUMINUM

This source occurs in the following groups: 001 MELTING AND HOLDING UNITS

Proc EP
131B -->S131B

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 132

Source Name: SOUTH MELT FURNACE

SOURCE CAPACITY:

20,000.0 CF/HR

Natural Gas
ALUMINUM

This source occurs in the following groups: 001 MELTING AND HOLDING UNITS

FML Proc EP
FM25 -->132 -->S132A

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 132A
Source Name: SOUTH HOLD FURNACE

SOURCE CAPACITY: 15,000.0 CF/HR Natural Gas
ALUMINUM

This source occurs in the following groups: 001 MELTING AND HOLDING UNITS

FML Proc EP
FM25 -->132A -->S132A

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 132B
Source Name: SOUTH FILTER BOX

SOURCE CAPACITY:

ALUMINUM

This source occurs in the following groups: 001 MELTING AND HOLDING UNITS

Proc EP
132B -->S132B

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 133

Source Name: #2 ALUMINUM ROLLING MILL

SOURCE CAPACITY:

ALUMINUM

This source occurs in the following groups: 004 ROLLING MILLS

Proc	CD	EP
133	-->C33	-->S33

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 134

Source Name: CASTER SUPPORT BURNERS

SOURCE CAPACITY:

14.0 MCF/HR Natural Gas

FML Proc EP
FM25 -->134 -->Z134

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from the Source ID 034 burners shall not exceed 0.04 grain per dry standard cubic foot of effluent gas.

#002 [25 Pa. Code §123.21]

General

Sulfur oxides emissions, expressed as sulfur dioxide, from the Source ID 034 burners shall not exceed a concentration of 500 parts per million, by volume, dry basis, in the effluent gas.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 137
Source Name: # 92 COATER

SOURCE CAPACITY:	1,100.0 Lbs/HR	COATING SOLVENT
	14,000.0 CF/HR	Natural Gas

This source occurs in the following groups: 003 SURFACE COATERS

FML	Proc	CD	EP
FM25	-->137	-->C37	-->S37

I. RESTRICTIONS.

Throughput Restriction(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The #92 Coater, Source ID 137, shall not be considered an affected facility as per 40 CFR Part 63, Subpart KK provided the following requirements are met:

- (a) the sum of the total mass of all inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied via rotogravure printing each month does not exceed 5 weight-percent of the total mass of inks, coatings, varnishes, adhesives, primers, solvents, thinners, reducers, and other materials applied by the coater in each month, and
- (b) the permittee maintains records as required in 40 CFR 63.829(f).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 161

Source Name: ROUGH ANNEAL FURN. #61 & 62

SOURCE CAPACITY:

45.2 MCF/HR Natural Gas
ALUMINUM COILS

This source occurs in the following groups: 002 ANNEALING UNITS

FML Proc EP
FM25 -->161 -->S61

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 161A

Source Name: DX GENERATOR - ROUGH ANNEALS

SOURCE CAPACITY:

3.0 MCF/HR Natural Gas

This source occurs in the following groups: 002 ANNEALING UNITS

FML Proc EP
FM25 -->161A -->S161A

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 164

Source Name: FINISH ANNEAL FURN. 64-69

SOURCE CAPACITY:

28,800.0 CF/HR

Natural Gas
ALUMINUM COILS

This source occurs in the following groups: 002 ANNEALING UNITS

FML Proc EP
FM25 -->164 -->S64

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 164A

Source Name: DX GENERATOR 325 - FINISH ANNEALS

SOURCE CAPACITY: 3.0 MCF/HR Natural Gas

This source occurs in the following groups: 002 ANNEALING UNITS

FML Proc EP
FM25 -->164A -->S164A

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 164B

Source Name: DX GENERATOR 326 - FINISH ANNEALS

SOURCE CAPACITY:

3.0 MCF/HR Natural Gas

This source occurs in the following groups: 002 ANNEALING UNITS

FML Proc EP
FM25 -->164B -->S164B

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 170

Source Name: HOMOGENIZING FURNACES #70-73

SOURCE CAPACITY:	174,000.0 CF/HR	Natural Gas
		ALUMINUM COILS

This source occurs in the following groups: 002 ANNEALING UNITS

FML	Proc	EP
FM25	-->170	-->S70

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 201

Source Name: SOLVENT CLEANING TANK

SOURCE CAPACITY:

COATING SOLVENT

Proc EP
201 -->S201

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 202
Source Name: OIL HOUSE

SOURCE CAPACITY:

LUBRICANTS

Proc EP
202 -->Z202

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 203

Source Name: LACQUER MIX ROOM

SOURCE CAPACITY:

620.0 Lbs/HR COATING SOLVENT

Proc EP
203 -->Z203

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 204

Source Name: PARTS WASHERS

SOURCE CAPACITY:

MINERAL SPIRITS

Proc EP
204 -->Z204

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#001 [25 Pa. Code §129.63]

Degreasing operations

In accordance with 25 Pa. Code Section 129.63(a)(2), the individual units included in the Source ID 204 Parts Washers with degreaser openings greater than 10 square feet shall be operated according to the following:

- (a) waste solvent shall be disposed of and transferred in such a manner to limit evaporation to less than 20% by weight,
- (b) waste solvent shall only be stored in closed containers,

- (c) close degreaser covers whenever not handling parts in the cleaner,
and
- (d) drain cleaned parts for at least 15 seconds or until dripping
ceases.

VII. ADDITIONAL REQUIREMENTS.

#002 [25 Pa. Code §129.63]

Degreasing operations

The individual units included in the Source ID 204 parts washers with degreaser openings greater than 10 square feet shall be equipped with:

- (a) individual covers to prevent evaporation of solvent during periods
of non-use,
- (b) equipment for draining cleaned parts, and
- (c) permanent, conspicuous labels summarizing the operating
requirements.

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 205

Source Name: COATER CLEANUP (84,92,94,95)

SOURCE CAPACITY:

17.0 Lbs/HR COATING SOLVENT

Proc EP
205 -->Z205

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 301

Source Name: TANK FARM - ROLLING OIL

SOURCE CAPACITY:

LUBRICANTS

Proc EP
301 -->Z301

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of the dimensions of the Source ID 301 storage tanks and an analysis of the capacity of each tank as per 40 CFR 60.116b(b).

#002 [25 Pa. Code §129.51]

General

The permittee shall maintain records sufficient to demonstrate that the Source ID 301 tank farm is not subject to the VOC control provisions of 25 Pa. Code Chapter 129.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Source ID 301 rolling oil tank farm is subject to 40 CFR 60, Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels Constructed After July 23, 1984. 40 CFR 60.4 requires submission of all requests, applications, submittals and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Director
Air Protection Division
U.S. EPA Region III
1650 Arch Street
Philadelphia, PA 19103-2029

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 302

Source Name: LUBRICANT TANKS

SOURCE CAPACITY:

LUBRICANTS

Proc EP
302 -->Z302

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#001 [25 Pa. Code §129.51]

General

As per 25 Pa. Code Section 129.51(d), the permittee shall maintain records sufficient to demonstrate that the Source ID 302 lubricant tanks are not subject to the VOC control provisions of 25 Pa. Code Chapter 129.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 303
Source Name: OILY WASTE TANKS

SOURCE CAPACITY:

OILY WASTE

Proc EP
303 -->Z303

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#001 [25 Pa. Code §129.51]

General

As per 25 Pa. Code Section 129.51(d), the permittee shall maintain records sufficient to demonstrate that the Source ID 303 oily waste tanks are not subject to the VOC control provisions of 25 Pa. Code Chapter 129.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 304

Source Name: SOLVENT TANKS

SOURCE CAPACITY:

COATING/SOLVENT

Proc EP
304 -->Z304

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#001 [25 Pa. Code §129.51]

General

As per 25 Pa. Code Section 129.51(d), the permittee shall maintain records sufficient to demonstrate that the Source ID 304 solvent tanks are not subject to the VOC control provisions of 25 Pa. Code Chapter 129.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 305

Source Name: CONVERTING TANKS

SOURCE CAPACITY:

COATING/SOLVENT

Proc EP
305 -->Z305

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#001 [25 Pa. Code §129.51]

General

As per 25 Pa. Code Section 129.51(d), the permittee shall maintain records sufficient to demonstrate compliance with the applicable VOC control provisions of 25 Pa. Code Section 129.57.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#002 [25 Pa. Code §129.57]

Storage tanks less than or equal to 40,000 gallons capacity containing VOCs

Each pressure relief valve on the Source ID 305 storage tanks shall be set to release at the highest maximum pressure and vacuum allowed by state or local fire codes or the National Fire Prevention Association.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 306

Source Name: HEXANE TANK

SOURCE CAPACITY:

COATING SOLVENT

Proc EP
306 -->Z306

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#001 [25 Pa. Code §129.51]

General

In accordance with 25 Pa. Code Section 129.51(d), the permittee shall maintain sufficient records to demonstrate that the Source ID 306 hexane recovery tank is not subject to the VOC control requirements of 25 Pa. Code Chapter 129.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 309

Source Name: SOUTH SUMP

SOURCE CAPACITY:

COATING/SOLVENT

Proc EP
309 -->Z309

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#001 [25 Pa. Code §129.51]

General

In accordance with 25 Pa. Code Section 129.51(d), the permittee shall maintain records sufficient to demonstrate compliance with the VOC control requirements of 25 Pa. Code Chapter 129.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

#002 [25 Pa. Code §129.57]

Storage tanks less than or equal to 40,000 gallons capacity containing VOCs

The pressure relief valves on the Source ID 309 storage tank shall be set to release at the highest maximum pressure and vacuum allowed by state or local fire codes or the National Fire Prevention Association.

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 310

Source Name: LACQUER TANK

SOURCE CAPACITY:

LACQUER

Proc EP
310 -->Z310

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

#001 [25 Pa. Code §129.51]

General

In accordance with 25 Pa. Code Section 129.51(d) the permittee shall maintain records sufficient to demonstrate that the Source ID 310 lacquer tank is not subject to the VOC control requirements of 25 Pa. Code Chapter 129.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 401

Source Name: COOLING TOWERS

SOURCE CAPACITY:

2,224.0 Tons/HR WATER

Proc EP
401 -->S401

I. RESTRICTIONS.

Throughput Restriction(s).

#001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with 40 CFR 63.402, the use of chromium-based water treatment chemicals in the Source ID 401 cooling towers is prohibited.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

No routine monitoring, sampling or analysis is required for the Source ID 401 cooling towers. Compliance with 40 CFR 63.402 shall be demonstrated in accordance with 40 CFR 63.404.

IV. RECORDKEEPING REQUIREMENTS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

To demonstrate continuing compliance with 40 CFR 63.402, the permittee shall maintain records in accordance with 40 CFR 63.406.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 402

Source Name: DROSS HANDLING

SOURCE CAPACITY:

1,430.0 Lbs/HR DROSS

Proc EP
402 -->Z402

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Source ID: 403
Source Name: TIP ROOM

SOURCE CAPACITY:

REFRACTORY

Proc CD EP
403 -->C403 -->S403

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from the Source ID 403 tip room shall not exceed 0.04 grain per dry standard cubic foot of effluent gas.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

Group Name: 001 MELTING AND HOLDING UNITS
Sources included in this group:

ID	Name
131	NORTH MELT FURNACE
131A	NORTH HOLD FURNACE
131B	NORTH FILTER BOX
132	SOUTH MELT FURNACE
132A	SOUTH HOLD FURNACE
132B	SOUTH FILTER BOX

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from the individual Group 001 sources shall not exceed the rate determined by the following formula or an effluent gas concentration of 0.02 grains per dry standard cubic foot, whichever is greater:

$$A = 0.76 E^{(0.42)} \text{ where}$$

A = allowable emissions in pounds per hour

E = emission index = F x W pounds per hour

F = 10 = process factor in pounds per unit

W = production or charging rate in units per hour

0.42 = exponent of E term

#002 [25 Pa. Code §123.21]

General

Sulfur oxides emissions, expressed as sulfur dioxide, from the individual Group 001 sources shall not exceed a concentration of 500 parts per million, by volume, dry basis, in the effluent gas.

II. TESTING REQUIREMENTS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall prepare and submit an initial performance test protocol for the affected Group 001 units at least 60 days prior to any testing as per the 40 CFR 63.7 performance testing requirements.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall provide written notice to the Department and EPA at least sixty (60) days in advance of any performance testing conducted in accordance with the 40 CFR 63.7 performance testing requirements.

III. MONITORING REQUIREMENTS.

#005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with the 40 CFR 63.1510 monitoring requirements, the permittee shall prepare and submit the following to the Department and EPA:

1. an operation, maintenance and monitoring (OM&M) plan for each of the affected units
2. site-specific monitoring (averaging) plan
3. scrap inspection plans

The required plans shall be submitted at least six (6) months prior to the March 24, 2003 final compliance date.

#006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

In accordance with the 40 CFR 63.6 compliance requirements, the permittee shall submit a startup, shutdown and malfunction (SS&M) plan to the Department and EPA. The plan shall be submitted prior to (a) the final compliance date (March 24, 2003) OR (b) prior to the date the permittee intends to comply, whichever is sooner.

#007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit a notification of the initial compliance status for each of the affected units to the Department and EPA as per 40 CFR 63.1515. The notification shall be submitted no later than sixty (60) days after the March 24, 2003 compliance date specified in 40 CFR 63.1501.

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

#008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The Group 001 Melting and Holding Units are subject to 40 CFR Part 63, Subpart RRR of the National Emission Standards for Hazardous Air Pollutants for Secondary Aluminum Production and shall comply with all applicable provisions of the Subpart. All notifications, reports, applications, submittals and other communications related to 40 CFR Part 63 compliance shall be forwarded to both the Department and the EPA. The EPA copies shall be forwarded to:

Director
Air Protection Division (3AP00)
U.S. EPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

#009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall submit an initial notice of applicability for 40 CFR 63 Subpart RRR to the Group 001 units on or before July 21, 2000 (120 days after the March 23, 2000 promulgation date).

#010 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall comply with the applicable requirements of 40 CFR Part 63 for each of the affected Group 001 units by March 24, 2003 as per 40 CFR 63.1501.

#011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee may request an extension of the 40 CFR Part 63, Subpart RRR compliance deadline for up to one year if such additional period is necessary for the installation of emission controls.

In accordance with 40 CFR 63.6, the extension request shall be submitted at least 18 months prior to the March 24, 2003 final compliance date if the permittee is averaging emissions and at least 12 months prior to the final compliance date if the permittee is not averaging emissions.

Group Name: 002 ANNEALING UNITS
Sources included in this group:

ID	Name
161	ROUGH ANNEAL FURN. #61 & 62
161A	DX GENERATOR - ROUGH ANNEALS
164	FINISH ANNEAL FURN. 64-69
164A	DX GENERATOR 325 - FINISH ANNEALS
164B	DX GENERATOR 326 - FINISH ANNEALS
170	HOMOGENIZING FURNACES #70-73

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from the individual Group 002 sources shall not exceed 0.04 grain per dry standard cubic foot of effluent gas.

#002 [25 Pa. Code §123.21]

General

Sulfur oxides emissions, expressed as sulfur dioxide, from each of the individual Group 002 sources shall not exceed a concentration of 500 parts per million, by volume, dry basis, in the effluent gas from each unit.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

Group Name: 003 SURFACE COATERS
Sources included in this group:

ID	Name
115	#59 TEXTURE SHEAR
116	#94 COATER
120	#95 COATER
121	NO. 14 LAMINATOR
130	#84 COATER
137	# 92 COATER

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from the individual Group 003 surface coaters shall not exceed 0.04 grain per dry standard cubic foot of effluent gas.

#002 [25 Pa. Code §123.21]

General

Sulfur oxides emissions, expressed as sulfur dioxide, from the individual Group 003 surface coaters shall not exceed a concentration of 500 parts per million, by volume, dry basis, in the effluent gas from each unit.

#003 [25 Pa. Code §129.52]

Surface coating processes

No person shall permit the emission into the outdoor atmosphere of volatile organic compounds (VOC) from the affected Group 003 surface coaters (excludes Source 130) in excess of the following:

paper coating - 2.92 pounds per gallon
coil coating - 2.60 pounds per gallon

Paper coating refers to coatings applied to substrates having thicknesses less than 0.006 inches.

Coil coating refers to coatings applied to substrates having thicknesses equal to or greater than 0.006 inches.

The above limits are calculated after adjustment to a standard solvent density of 7.36 pounds per gallon and to a solids basis. Records for verification purposes shall be maintained in accordance with 25 Pa. Code, Section 129.52(c).

#004 [25 Pa. Code §129.67]

Graphic arts systems

With the exception of the Source ID 115, No. 59 Texture Shear, each of the Group 003 surface coaters is subject to the requirements of 25 Pa. Code Section 129.67 when rotogravure printing.

The permittee may not permit the emission into the outdoor atmosphere of VOC during rotogravure printing on Sources Nos. 116, 120, 121, 130 and 137 unless one of the following limitations is met:

- (1) The volatile fraction of the ink, as applied to the substrate, contains 25% or less by volume of VOC and 75% or more by volume of water.
- (2) The ink, as applied to the substrate, less water, contains 60% by volume or more of solid material.
- (3) An add-on control device is used to remove at least 90% of the VOC emissions entering the device in accordance with the system capture requirements specified in 25 Pa. Code Section 129.67(c).

II. TESTING REQUIREMENTS.

#005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall annually demonstrate compliance with the VOC emission limit in Condition (003), above, by EPA reference test methods or other means approved by the Department.

III. MONITORING REQUIREMENTS.

#006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall monitor the operating parameters observed during the compliance verification specified in Condition (005), above, on a daily basis. Prior Department approval of the parameters monitored and any monitoring frequency other than daily is required.

IV. RECORDKEEPING REQUIREMENTS.

#007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall maintain records of the monitored operating parameters on-site for the most recent five-year period and shall supply these records to the Department upon request.

#008 [25 Pa. Code §129.52]

Surface coating processes

The permittee shall maintain daily records to verify compliance with 25 Pa. Code, Section 129.52 which shall include the following:

- a. gallons of each coating used
- b. coating density before and after the addition of diluents
- c. the gallons of diluents used and the density of the diluents
- d. gallons of water contained in each coating
- e. weight percent of the organic volatiles in each coating

These records shall be maintained on-site for the most recent five-year period and shall be made available to Department representatives upon request.

V. REPORTING REQUIREMENTS.

#009 [25 Pa. Code §129.52]

Surface coating processes

An annual report containing, but not limited to, the following data for each VOC-containing surface coating (as applied) shall be submitted to the Harrisburg District supervisor:

- a. coating identification and Section 129.52, Table I classification
- b. coating density before and after the addition of diluents
- c. pounds of VOC per gallon of coating (minus water)
- d. solvent density
- e. % solids by volume
- f. % solvents by volume (minus EPA-exempted solvents)
- g. % water by volume
- h. gallons per quarter of coating used (including water)
- i. gallons per quarter of coating used (minus water)
- j. type and amount of clean-up solvents used
- k. pounds per year of VOC emissions from surface coating

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

Group Name: 004 ROLLING MILLS
Sources included in this group:

ID	Name
101	#1 ALUMINUM ROLLING MILL
102	#3 ALUMINUM ROLLING MILL
103	#5 ALUMINUM ROLLING MILL
105	#9 ALUMINUM ROLLING MILL
118	#6 ALUMINUM ROLLING MILL
133	#2 ALUMINUM ROLLING MILL

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.13]

Processes

Particulate matter emissions from each of the Group 004 rolling mills shall not exceed 0.04 grain per dry standard cubic foot of effluent gas.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

III. MONITORING REQUIREMENTS.

#002 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall maintain permanent instrumentation to measure the application temperature of the rolling lubricant for each mill.

IV. RECORDKEEPING REQUIREMENTS.

No additional recordkeeping requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VI. WORK PRACTICE STANDARDS.

No additional work practice requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (relating to Title V General Requirements).

***** PERMIT SHIELD IN EFFECT. *****

No Alternative Operations exist for this Title V Facility

No Emission Trading Groups exist for this Title V Facility.

SECTION H.
Emission Restriction Summary

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38-05002

DEP ID	Source Description	Emission Limit	Pollutant
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No Emission Restrictions listed in this section of the permit.

The following sources and activities are not subject to any specific work practice standards, testing, monitoring, recordkeeping or reporting requirements:

1. Air conditioning, ventilation and building heating systems
2. Office equipment (copiers, printers, FAX, etc.)
3. Janitorial activities
4. Plant maintenance and machine shop activities
5. Mobile sources (trucks, forklifts, snowblowers, etc.)
6. Storage tanks: diesel fuel, gasoline, caustic, sulfuric acid
7. Electrically operated systems that do not produce air contaminants
8. Cafeteria and refrigeration equipment
9. Battery charging stations
10. Non-VOC/HAP degreasers
11. Laboratory and analytical activities
12. Central scrap system
13. Emergency equipment (fire protection, lights, pumps, generators, etc.)
14. Water treatment (wastewater, potable, boiler and recirculating)
15. Saws and other cutting devices with emission control units that vent into the building
16. Electrostatic spray systems on the Nos. 58 and 59 shears
17. Truck shop evaporator
18. CEM/Analyzer vents
19. Dx generators for the rough and finish anneals
20. Caster support burners
21. Maintenance parts washers (each surface area < 10 sq.ft.)
22. Aluminum scrap saw
23. Groundskeeping activities/materials
24. Commercially available products in spray cans (paints, etc.)
25. Caster roll acetylene torches
26. Shears, separators and other mechanical processing equipment not directly vented to atmosphere