



**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: 27-JUL-00

EFFECTIVE DATE: 01-SEP-00

EXPIRATION DATE: 31-AUG-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: 07-05002
TAX-ID/PLANT CODE 53-6002016/07OWNER NORFOLK SOUTHERN RAILWAY CO
MAILING 200 N 4TH AVE
ADDRESS ALTOONA, PA. 16601PLANT HOLLIDAYSBURG CAR SHOP
LOCATION 07 Blair County 07802 Hollidaysburg Boro
SIC CODE 4011 Trans. & Utilities - Railroads, Line-Haul OperatingRESPONSIBLE OFFICIAL
NAME BARRY REESE
TITLE GEN SUPERINTENDENTPERMIT CONTACT PERSON
NAME CARL RUSSO
TITLE SR ENV ENGR
PHONE (814)949-1479[SIGNATURE] 
LEIF ERICSON, SOUTHCENTRAL REGION AIR PROGRAM MANAGER

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ID	Source Name	Capacity	Fuel/Material
036	COUPLER SHANK FURNACE (HOMEMADE)	3.0 MMBTU/HR	#2 Oil
037	METAL FORMING OVEN #2	3.0 MMBTU/HR	#2 Oil
038	METAL FORMING OVEN #3	0.6 MMBTU/HR	#2 Oil
039	METAL FORMING OVEN #4	0.9 MMBTU/HR	#2 Oil
040	BABCOCK & WILCOX BOILER 1	20.0 MMBTU/HR	Natural Gas
041	BABCOCK & WILCOX BOILER 2	20.0 MMBTU/HR	Natural Gas
042	ECLIPSE HEAT TREAT OVEN		Natural Gas
043	OIL FIRED SPACE HEATERS	75.2 MMBTU/HR	#2 Oil
044	METAL FORMING OVEN #1	0.9 MMBTU/HR	
045	HEAT TREAT OVEN #5	0.6 MMBTU/HR	
046	STRAIGHTENING FURNACE	3.0 MMBTU/HR	
001	WASTE INCINERATOR	160.0 LB/HR	
		160.0 LB/HR	#2 Oil
035	COUPLER FURNACE	168.0 Gal/HR	#2 Oil
047	MANUAL PAINT AND TAR SPRAY. OF RAIL		
048	OUTDOOR GRIT BLASTING OF RAIL CARS		
101	TRACK #2 SPRAY BOOTH	139.3 Lbs/HR	COATING SOLVENT
102	TRACK #3 SPRAY BOOTH	60.0 Lbs/HR	COATING SOLVENT
103	TRACK #4 SPRAY BOOTH	60.0 Lbs/HR	COATING SOLVENT
105	WOODWORKING SHOP		
109	BEARING SEAT CHROME PLATING	1.1 Sq Ft/HR	BEARING SEATS
114	GASOLINE STORAGE TANK		
115	GASOLINE STORAGE TANK		
116	COOLING TOWER		
117	WELDING BOOTHS		
204	PAVED ROADS		
205	AXLE JOURNALS NICKEL PLATING		
206	STENCIL/SPRAY GUN CLEANING VATS (3)		
207	STENCIL PAINTING & EQUIPMENT CLEANU		
208	TORCHING & CUTTING		
209	VARIOUS WELDING OPERATIONS		
210	DEGREASERS		
CD02	TRACK #2 PAINT BOOTH DRY FILTER		
CD03	TRACK #3 PAINT BOOTH DRY FILTER		
CD04	TRACK #4 PAINT BOOTH DRY FILTER		
CD09	BEARING SEAT CHROME PLATING WET SCR		
CD105	WOODWORKING SHOP CYCLONE		
FM001	NO. 2 FUEL OIL		
FM002	NATURAL GAS		
S03	INCINERATOR STACK		
S09	CHROME PLATE STACK		
S101	PAINT BOOTH 101 STACK		
S102	SPRAY BOOTH 102 STACK		
S103	PAINT BOOTH 103 STACKT		
S40	BAB.&WIL. BOIL. STACK #1		

SECTION A. Site Inventory List

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ID	Source Name	Capacity	Fuel/Material
S41	BAB.&WIL. BOIL. STACK #2		
Z105	WOODWORKING SHOP STACK		
Z114	FUG. EMISS. GAS STOR TANK		
Z115	FUG. EMISS. GAS STOR TANK		
Z116	COOLING TOWER FUG. EMISS.		
Z117	WELD. BOOTH FUG. EMISS.		
Z204	PAVED ROAD FUG. EMISS.		
Z205	AXL JOURN. NICK PLATE FUG		
Z206	STEN./SPRAYGN FUG. EMISS.		
Z207	STEN. PAINT&EQ.CLEAN FUG		
Z208	TORCH&CUT FUG. EMISS.		
Z209	VAR. WELD. OPS FUG. EMISS		
Z210	DEGREASE FUG. EMISS.		
Z35	COUP. FURN. FUG. EMISS.		
Z36	FUG. EMISS. SHANK FURN.		
Z37	FUG. EMISS. OIL HEAT. #2		
Z38	OIL FIRED HEAT. #3		
Z39	FUG. EMISS. OIL HEATER #4		
Z42	FUG.EMIS.ECLIP HEAT TREAT		
Z43	OIL FIRE. SPACE HEAT. FUG		
Z44	METALFORM. OVEN #1 FUG.		
Z45	METALFORMOVEN #5 FUG.EMIS		
Z46	STAIGHTEN FURN. FUG. EMIS		
Z47	MAN. PAINT&TAR FUG. EMISS		
Z48	OUTDOORGRIT BLASTFUG.EMIS		

FML Comb EP
FM001-->036 -->Z36

FML Comb EP
FM001-->037 -->Z37

FML Comb EP
FM001-->038 -->Z38

FML Comb EP
FM001-->039 -->Z39

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FML Comb EP
FM002-->040 -->S40

FML Comb EP
FM002-->041 -->S41

FML Comb EP
FM002-->042 -->Z42

FML Comb EP
FM001-->043 -->Z43

FML Comb EP
FM001-->044 -->Z44

FML Comb EP
FM001-->045 -->Z45

FML Comb EP
FM001-->046 -->Z46

FML Inci EP
FM001-->001 -->S03

Proc EP
035 -->Z35

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FML Proc EP
FM001-->047 -->Z47

FML Proc EP
FM001-->048 -->Z48

Proc CD EP
101 -->CD02 -->S101

Proc CD EP
102 -->CD03 -->S102

Proc CD EP
103 -->CD04 -->S103

Proc CD EP
105 -->CD105-->Z105

Proc CD EP
109 -->CD09 -->S09

Proc EP
114 -->Z114

Proc EP
115 -->Z115

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Proc EP
116 -->Z116

Proc EP
117 -->Z117

Proc EP
204 -->Z204

Proc EP
205 -->Z205

Proc EP
206 -->Z206

Proc EP
207 -->Z207

Proc EP
208 -->Z208

Proc EP
209 -->Z209

Proc EP
210 -->Z210

#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 NOx from a single source during the term of the permit and 5 tons of NOx 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, records of required monitoring information that include the following:

(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

The permittee may not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in Condition #001, (a) through (g) above, if such emissions are visible at the point the emissions pass outside the permittee'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

A person may not 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 site condition #004 shall not apply when:

(a) The presence of uncombined water is the only reason for failure of the emission to meet the limitation.

(b) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions.

(c) The emission results from sources specified in site condition #001.

#006 [25 Pa. Code §129.14]

Open burning operations

(a) No person shall permit the open burning of material in such 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 contaminants 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 or 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 of subsection (a) do not apply where the open burning operations result 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 any of the Sources contained in Source Groups 002 and 003, as necessary, during the permit term to verify emissions for purposes including emission fees, malfunction 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 daily inspection around the plant periphery during daylight hours when the plant is in production to detect visible emissions, fugitive visible emissions and malodorous emissions as follows:

- (a) Visible emissions in excess of the limits stated in Section C, Condition #004. Visible emissions may be measured according to the methods specified in Section C, Condition #008, or alternatively, plant personnel who observe any visible emissions shall report the incidence of visible emissions to the Department within two (2) hours of each incident and make arrangements for a certified observer to verify the visible emissions.
- (b) The presence of fugitive emissions visible beyond the plant boundaries as stated in Section C, Condition #002.
- (c) The presence of malodorous air emissions beyond the plant boundaries as stated in Section C, Condition #003.

IV. RECORDKEEPING REQUIREMENTS.

#010 [25 Pa. Code §127.511]
Monitoring and related recordkeeping and reporting requirements.

- (a) The permittee shall maintain a logbook for recording the status of malodors, visible emission, and fugitive visible emission exceedances. The logbook, as a minimum, shall include the name of the company representative, the date and time the monitoring was conducted, the wind direction, and the actions taken to correct the source of the malodor or visible emission exceedance.

(b) The permittee shall maintain a logbook for recording any unusual occurrences related to Condition #008 above. The logbook, at a minimum, shall include the name of the company representative, the date and time the occurrence was detected, the type of occurrence, and the actions taken to correct the occurrence.

V. REPORTING REQUIREMENTS.

#011 [25 Pa. Code §127.512]

Operating permit terms and conditions.

(a) The permittee shall report malfunctions which occur at the Title V facility to the Department. As defined in 40 CFR Section 60.2 and incorporated by reference in 25 Pa. Code Chapter 122, a malfunction is 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:

(1) 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.

(2) Unless otherwise required by this permit, any other malfunction that is not subject to the reporting requirements of (1) above, shall be reported to the Department, in writing, within five (5) days of discovery of the malfunction.

[Additional authority for this permit condition is derived from 25 Pa. Code Section 127.511.]

#012 [25 Pa. Code §127.513]

Compliance certification.

On the annual anniversary of the permit issuance date, the permittee shall certify compliance with all terms and conditions contained in the permit using forms provided by the Department, as per 25 Pa. Code Section 127.513(5).

#013 [25 Pa. Code §135.21]
Emission statements

The permittee shall submit by March 1 of each year a source report for the preceding calendar year. The report shall include information for all previously reported sources, new sources which were first operated during the preceding calendar year and sources modified during the same period which were not previously reported.

[Authority for this permit condition has been derived from 25 Pa. Code Section 135.21.]

VI. WORK PRACTICE STANDARDS.

#014 [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 Section C, Condition #001 (a) through (e) from becoming airborne. These 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, material 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.

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).

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: 036

Source Name: COUPLER SHANK FURNACE (HOMEMADE)

SOURCE CAPACITY:

3.0 MMBTU/HR #2 Oil

This source occurs in the following groups: 003

FML Comb EP
FM001-->036 -->Z36

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: 037

Source Name: METAL FORMING OVEN #2

SOURCE CAPACITY:

3.0 MMBTU/HR #2 Oil

This source occurs in the following groups: 003

FML Comb EP
FM001-->037 -->Z37

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: 038

Source Name: METAL FORMING OVEN #3

SOURCE CAPACITY:

0.6 MMBTU/HR #2 Oil

This source occurs in the following groups: 003

FML Comb EP
FM001-->038 -->Z38

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: 039

Source Name: METAL FORMING OVEN #4

SOURCE CAPACITY:

0.9 MMBTU/HR #2 Oil

This source occurs in the following groups: 003

FML Comb EP
FM001 - ->039 - ->Z39

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: 040

Source Name: BABCOCK & WILCOX BOILER 1

SOURCE CAPACITY:

20.0 MMBTU/HR Natural Gas

This source occurs in the following groups: 002

FML Comb EP
FM002-->040 -->S40

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: 041

Source Name: BABCOCK & WILCOX BOILER 2

SOURCE CAPACITY:

20.0 MMBTU/HR Natural Gas

This source occurs in the following groups: 002

FML Comb EP
FM002-->041 -->S41

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. *****

SECTION D.
Source Level Requirements

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Source ID: 042

Source Name: ECLIPSE HEAT TREAT OVEN

SOURCE CAPACITY:

Natural Gas

FML Comb EP
FM002 -->042 -->Z42

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 from Source 042 Eclipse Heat Treat Oven, in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

#002 [25 Pa. Code §123.21]
General

No person shall permit the emission into the outdoor atmosphere of sulfur oxides from the Source 042 Eclipse Heat Treat Oven in such a manner that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

#003 [25 Pa. Code §123.21]
General

The permittee shall operate the Source 042 Eclipse heat treat oven on commercial natural 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: 043

Source Name: OIL FIRED SPACE HEATERS

SOURCE CAPACITY:

75.2 MMBTU/HR #2 Oil

This source occurs in the following groups: 003

FML Comb EP
FM001-->043 -->Z43

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: 044

Source Name: METAL FORMING OVEN #1

SOURCE CAPACITY: 0.9 MMBTU

This source occurs in the following groups: 003

FML Comb EP
FM001-->044 -->Z44

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: 045
Source Name: HEAT TREAT OVEN #5

SOURCE CAPACITY: 0.6 MMBTU

This source occurs in the following groups: 003

FML Comb EP
FM001-->045 -->Z45

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: 046

Source Name: STRAIGHTENING FURNACE

SOURCE CAPACITY: 3.0 MMBTU

This source occurs in the following groups: 003

FML Comb EP
FM001-->046 -->Z46

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: 001
Source Name: WASTE INCINERATOR

SOURCE CAPACITY: 160.0 LB/HR
160.0 LB/HR #2 Oil

FML Inci EP
FM001-->001 -->S03

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §123.21]
General

No person shall permit the emission into the outdoor atmosphere of sulfur oxides from Source 001, waste incinerator, in such a manner that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

#002 [25 Pa. Code §127.441]
Operating permit terms and conditions.

Additional authority for this permit condition is derived from OP
07-301-0301

The concentration of particulate matter in the exhaust stack shall not exceed 0.08 gr/dscf corrected to 7% O₂..

#003 [25 Pa. Code §127.441]
Operating permit terms and conditions.

Any new waste, that is not listed below, incinerated by this source shall be reported to the Altoona District Supervisor prior to its use. Wastes that do not need prior approval are:

- a) Locomotive Oil Filters
- b) Friction Lube Oil Pads
- c) Paint Filter
- d) Painter's Uniforms
- e) Processed Corn Cobs

f) Canvas

Fuel Restriction(s).

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate Source 001, the waste incinerator, only on commercial No.2 fuel oil.

#005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

No person shall offer for sale, deliver for use, exchange in trade or permit the use of #2 commercial fuel oil in nonair basin areas which contain sulfur in excess of 0.50 percent by weight.

Throughput Restriction(s).

#006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from OP 07-301-030]

The charging rate of waste material to the incinerator shall not exceed 160 lbs/hr.

II. TESTING REQUIREMENTS.

#007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall:

a) Perform a source test of the Source 001, waste incinerator exhaust stack to determine the particulate matter emissions. The test shall be completed within one-hundred and eighty (180) days of issuance of this permit. The test shall be performed to verify that the concentration of particulate matter in the exhaust stack does not exceed 0.08 gr/dscf

corrected to 7% oxygen as per Condition #002, above. All testing shall be performed in accordance with 25 Pa. Code, Chapter 139 and the Department's "Source Testing Manual."

- b) Submit a protocol for the above test, to the Regional Air Quality Program Manager, at least sixty (60) days prior to the test for approval.
- c) Submit a stack test report (in triplicate) to the Regional Air Quality Program Manager within sixty (60) days from the date the test was conducted.

#008 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The Department reserves the right to require exhaust stack testing of Source 001, waste incinerator, as necessary, during the permit term to verify emissions for purposes including emission fees, malfunction or permit condition violations.

III. MONITORING REQUIREMENTS.

#009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is derived from OP 07-301-030.]

The permittee shall monitor the following parameters applicable to the operation of Source 001, Waste Incinerator:

1. The weight and description of each batch of waste material charged to the incinerator;
2. The instantaneous temperature of the primary and secondary chambers shall be monitored through the use of appropriate temperature chart recording equipment.
3. The time and date of each batch of waste material charged to the incinerator.

#010 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The company shall install and operate appropriate temperature chart recording equipment capable of recording the instantaneous primary and secondary chamber temperatures of the waste incinerator. This temperature recording equipment shall be installed and be made operational within 120 days of issuance of this operating permit

#011 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall monitor the sulfur content in the No. 2 commercial fuel oil by: (a) laboratory fuel analysis or, (b) fuel suppliers's certification, for each fuel shipment received.

IV. RECORDKEEPING REQUIREMENTS.

#012 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

(a) The permittee shall maintain an appropriate logbook recording: the weight and description of each batch of waste material charged to the incinerator; along with the date and time that each charge is placed in the unit.

(b) The permittee shall maintain the primary and secondary temperature recorder charts for each day the waste incinerator is operated.

(c) The permittee shall keep records of the results of any emissions tests as per the Testing Requirements, above.

(d) The permittee shall maintain records of all maintenance, repair and calibration activities performed on the unit along with any calibrations performed on the monitoring equipment.

(e) The permittee shall maintain the above records for a period of at least 5 years from the date of the required monitoring sample, measurement, report or application.

(f) All records shall be made available to the Department upon request.

#013 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall maintain records of all fuel oil analysis 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.

#014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[additional authority for this permit condition is derived from OP 07-301-030]

A temperature of 1,300°F shall be achieved in the secondary chamber prior to batch loading the incinerator with waste material. At a minimum, the secondary chamber temperature of 1,300°F must be maintained throughout the entire burn cycle.

#015 [25 Pa. Code §127.444]

Compliance requirements.

The permittee shall operate and maintain the waste incinerator in accordance with the manufacturer's specifications and in a manner consistent with good operating practices.

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: 035
Source Name: COUPLER FURNACE

SOURCE CAPACITY: 168.0 Gal/HR #2 Oil

This source occurs in the following groups: 003

Proc EP
035 -->Z35

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: 047

Source Name: MANUAL PAINT AND TAR SPRAY. OF RAIL CARS

SOURCE CAPACITY:

FML Proc EP
FM001-->047 -->Z47

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: 048

Source Name: OUTDOOR GRIT BLASTING OF RAIL CARS

SOURCE CAPACITY:

FML Proc EP
FM001-->048 -->Z48

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. *****

SECTION D.
Source Level Requirements

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07-05002

Source ID: 101
Source Name: TRACK #2 SPRAY BOOTH

SOURCE CAPACITY: 139.3 Lbs/HR COATING SOLVENT

This source occurs in the following groups: 001

Proc CD EP
101 -->CD02 -->S101

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: TRACK #3 SPRAY BOOTH

SOURCE CAPACITY:

60.0 Lbs/HR COATING SOLVENT

This source occurs in the following groups: 001

Proc CD EP
102 -->CD03 -->S102

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: TRACK #4 SPRAY BOOTH

SOURCE CAPACITY:

60.0 Lbs/HR COATING SOLVENT

This source occurs in the following groups: 001

Proc	CD	EP
103	-->CD04	-->S103

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: 105
Source Name: WOODWORKING SHOP

SOURCE CAPACITY:

Proc CD EP
105 -->CD105-->Z105

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: 109

Source Name: BEARING SEAT CHROME PLATING

SOURCE CAPACITY:

1.1 Sq Ft/HR BEARING SEATS

Proc	CD	EP
109	-->CD09	-->S09

I. RESTRICTIONS.

Emission Limitation(s).

#001 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Elec Standards.

Effective January 25, 1997, the concentration of total chromium in the exhaust gases from the packed bed scrubber system installed on the hard chrome electroplating tank shall not exceed 0.03 mg/dscm (1.3E-05 gr/dscf) of total chromium, as per Sections 63.342(c)(1)(ii) and 63.343.

[40 CFR 63.342]

[Additional authority for this permit condition is derived from 25 Pa. CodeSection 127.441]

Throughput Restriction(s).

#002 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Elec Standards.

[Additional authority for this permit condition is derived from 25 Pa. Code § 127.441]

The maximum cumulative potential rectifier capacity of the hard chromium electroplating facility shall be kept below 60 million amp-hr/yr based on a 12-month rolling period, as per 40 CFR Section 60.342(c)(2)(i).

[40 CFR 63.342]

II. TESTING REQUIREMENTS.

#003 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Elec Standards.

[Additional authority for this condition is derived from 25 Pa. Code Chapter 127.441]

(a) The packed bed scrubber system shall be tested for emissions of total chromium within 180 days of issuance of this permit. The test results shall be used to demonstrate compliance with the requirements of condition # 001, above, in that total chromium emissions shall not exceed 0.03 mg/dscm ($1.3E-5$ gr/dscf).

(b) The test shall be performed in compliance with 40 CFR §63.344 and shall incorporate EPA test Method 306 or Method 306A along with the test methods and procedures of 40 CFR §63.7.

(c) During the testing program, the permittee shall establish the site specific operating parameter values corresponding to compliance with the emission limits of Condition #001 for the pressure drop across the system and the velocity pressure at the common inlet of the of the control device as required by §63.343(c)(2). The testing program shall be conducted without the use of the foam blanket. These values and the installation of the monitoring equipment shall be established as per the testing requirements of §63.344(d).

(d) The permittee shall submit the proposed emission test protocols to the Department's regional Air Program Manager for approval at least sixty (60) days prior to the test.

(e) The permittee shall notify the Department at least two (2) weeks in advance of the date and time of the proposed emissions tests so that an observer may be present.

(f) Three copies of the performance test results shall be submitted to the Department's Regional Air Program Manager for review within sixty (60) days of completion of testing.

(g) The Department reserves the right to revise the emission standard based on information obtained during the performance testing, and when more stringent controls are required.

(h) The permittee shall repeat the emission test of the bearing seat chrome plating packed bed scrubber system for compliance with the emission limit at least 180 days prior to expiration of this permit. The result of the tests shall be included in the permit renewal application.

[40 CFR 63.344]

III. MONITORING REQUIREMENTS.

#004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Elec Standards.

1) The scrubber system shall be operated within plus or minus 10% of the velocity pressure value at the inlet to the packed bed scrubber, established during the initial performance tests, and within plus or minus 1 inch of water column of the pressure drop across the scrubber system value established during the initial performance test.

2) The pressure drop and velocity pressure shall be monitored and recorded daily, when the source is in operation, as per Section 63.343(C)(2)(ii).

3) The owner/operator of the chrome plating facility shall prepare an operation and maintenance plan to be implemented no later than 30 days from the effective date of the Title V permit as per Section 63.342(f)(3).

[40 CFR Section 63.343]

IV. RECORDKEEPING REQUIREMENTS.

#005 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Elec Standards.

The owner/operator of the affected source shall maintain the following records:

1) All recordkeeping requirements outlined in Section 63.342 and in the General Provisions to 40 CFR Part 63, according to the applicability of Subpart A of of Part 63 as identified in Table 1 of Subpart N

2) Inspection records for the scrubber system and monitoring equipment, to document that the inspection and maintenance required by the work practice standards of Section 63.342(f) and Table 1 of Section 63.342 have taken place. The record can be a checklist to identify the device inspected, date of inspection, description of the working condition of the device and and actions taken to correct deficiencies found during the inspection;

- 3) Records of all maintenance performed on the source, the scrubber and monitoring equipment;
- 4) Records of the occurrence, duration, and cause (if known) of each malfunction of process and monitoring equipment. Also, records of actions taken during periods of malfunction when such actions are inconsistent with the operation and maintenance plan.
- 5) Other records, which may take the form of checklist, to demonstrate consistency with the provisions of the operation and maintenance plan required by Section 63.342(f)(3);
- 6) Test reports documenting results of all performance tests;
- 7) Records of all measurements as may be necessary to determine the conditions of performance the conditions of performance tests;
- 8) Records of monitoring data required by Section Section 63.343(c) that are used to demonstrate compliance with the standard including the date and time the data are collected;
- 9) The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during a malfunction or period other than malfunction of the process or monitoring equipment;
- 10) The total process operating time of the source on a monthly basis;
- 11) All documentation supporting the notification and reports required by Sections 63.9, 63.10 and 63.347;
- 12) All records shall be maintained for a period of 5 years in accordance with Section 63.10(b)(1).

[40 CFR Section 63.346]

V. REPORTING REQUIREMENTS.

#006 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Elec Standards.

The permittee shall submit a summary report to the Department and a copy of the report to the EPA, Region III, on a semiannual basis, to document the ongoing compliance status of the above source. The compliance report

shall contain the following:

- 1) The company name (owner) and address of the affected source;
- 2) An identification of the operating parameter(s) that is/are monitored for compliance determination;
- 3) The relevant emission limitation(s) for the affected source, and the operating parameter value(s), or range of values, that correspond to compliance limitation;
- 4) The beginning and ending date of the reporting period;
- 5) A description of the type of process performed in the affected source;
- 6) The total operating time of the affected source during the reporting period;
- 7) A summary of operating parameter values, including the total duration of excess emissions during the reporting period as indicated by those values, the total duration of excess emissions expressed as a percent of the total source operating time during that reporting period and a breakdown of the total duration of excess emission during the reporting period into those that are due to process upsets, control equipment malfunctions, other causes, known and unknown;
- 8) A certification by a responsible official that the work practice standards are followed in accordance with the operation and maintenance plan
- 9) If the operation and maintenance plan required by Section 63.342(f) was not followed, an explanation of the reasons for not following the provisions, an assessment of whether any excess emission and/or parameter monitoring exceedances are believed to have occurred, and a copy of the report(s) required by Section 63.3432(f)(3)(iv) documenting that the operation and maintenance plan was not followed.
- 10) A description of any changes in monitoring, processes, or controls since the last reporting period.
- 11) The name, title, and signature of the responsible official who is certifying the accuracy of the report.
- 12) The date of the report.

VI. WORK PRACTICE STANDARDS.

#007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]

Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Elec Standards.

The permittee shall prepare an Operation and Maintenance (O & M) Plan to be implemented no later than 30 days from the effective date of the Title V permit. The O & M plan does not have to be submitted to the Department, but must be made available, upon request, to Department personnel. If the O & M plan is revised, the previous version shall be kept and be made available, upon request, by the Department for a period of five years. The O & M plan shall address the following elements:

- 1) A written description of the process equipment, emission control equipment, and monitoring equipment.
- 2) A written summary of the work practice standards that apply to the facility.
- 3) A written procedures to be followed to ensure that equipment or process malfunctions due to poor maintenance or other preventable conditions do not occur.
- 4) A written procedure for identifying malfunctions and for implementing corrective actions.
- 5) A checklist to document inspection of the emission control equipment and monitoring devices for proper operation and maintenance.
- 6) At all times, including periods of startup, shutdown and malfunction, the permittee shall operate and maintain the source, associated scrubber and monitoring equipment in a manner consistent with good air pollution control practices, consistent with the operation and maintenance plan required by Section 63.342(f)(3).
- 7) Malfunctions shall be corrected as soon as practicable after their occurrence in accordance with the operation and maintenance plan required by Section 63.342(f)(3).

CFR 40 Section 63.342]

VII. ADDITIONAL REQUIREMENTS.

#008 *[25 Pa. Code §127.441]*

Operating permit terms and conditions.

The permittee shall also comply with the applicable requirements of 40 CFR Part 63, Subpart A (General Provisions), as referenced in Table 1 of Subpart N.

#009 *[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.342]*

Subpart N National Emission Standards for Chromium Emissions from Hard and Decorative Elec Standards.

40 CFR Section 63.13 requires submission of copies of all requests, reports, applications, submittals and other communications to both EPA and the Department. The EPA copies shall be forwarded to:

Director
Air, Toxic and Radiation Division
USEPA, Region III
1650 Arch Street
Philadelphia, PA 19103-2029

The Department copies shall be forwarded to:

Regional Air Quality Program Manager
Pa. Department of Environmental Protection
Southcentral Regional Office
909 Elmerton Avenue
Harrisburg, PA 17110-8200

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

Source ID: 114

Source Name: GASOLINE STORAGE TANK

SOURCE CAPACITY:

This source occurs in the following groups: 004

Proc EP
114 -->Z114

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: GASOLINE STORAGE TANK

SOURCE CAPACITY:

This source occurs in the following groups: 004

Proc EP
115 -->Z115

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: 116
Source Name: COOLING TOWER

SOURCE CAPACITY:

Proc EP
116 -->Z116

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: 117
Source Name: WELDING BOOTHS

SOURCE CAPACITY:

Proc EP
117 -->Z117

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: PAVED ROADS

SOURCE CAPACITY:

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.

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: 205

Source Name: AXLE JOURNALS NICKEL PLATING

SOURCE CAPACITY:

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: 206

Source Name: STENCIL/SPRAY GUN CLEANING VATS (3)

SOURCE CAPACITY:

Proc EP
206 -->Z206

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.

Manufacturer supplied VOC Data Sheets and or Material Safety Data Sheets for all surface coatings applied and cleanup solvents/degreasers utilized at this facility within the most recent five year period shall be maintained on site and be made available to the Department upon request.

[Additional authority for this permit condition is derived from OP No. 07-02002.]

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Waste cleanup solvents and degreasers shall be sent off-site for either recycling or incineration at a legally permitted facility. Should the company desire to discount these materials from the emissions inventory, the following information will be required:

a) the quantities being disposed of

b) the VOC content of the cleanup solvents and degreasers being disposed of

c) documentation to verify the above shall be maintained for a five year period.

Additional authority for this permit condition is derived from OP No. 07-02002.1

V. REPORTING REQUIREMENTS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Annual reports containing, but not limited to, the following data shall be submitted to the Altoona District Supervisor:

For each cleanup solvent and degreaser used at the facility

(a) cleanup solvent/degreaser identification

(b) use (e.g., cleanup solvent)

(c) lbs. of VOC per gallon cleanup solvent/degreaser

(d) gallons per month of cleanup solvent/degreaser used

(e) lbs. of VOC emissions per reporting period from the cleanup solvent/degreaser operations

The report for January 1 through December 31 is due no later than March 1 of the following year for each operating year authorized by the operating permit.

[Additional authority for this permit condition is derived from OP No. 07-02002.1]

VI. WORK PRACTICE STANDARDS.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep all coating and clean-up solvent containers which contain VOC material tightly closed when not in use. Spills of materials containing VOC shall be cleaned up immediately with cleaning cloths or other methods that will minimize the evaporation of VOC into the atmosphere. Solvent-laden cleaning cloths shall be kept in closed containers when not in use.

#005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Waste cleanup solvents and wiping rags shall be collected and stored in closed containers.

[Additional authority for this permit condition is derived from OP No. 07-02002.]

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: 207

Source Name: STENCIL PAINTING & EQUIPMENT CLEANUP

SOURCE CAPACITY:

Proc EP
207 -->Z207

I. RESTRICTIONS.

Emission Limitation(s).

#001 [25 Pa. Code §129.52]

Surface coating processes

No person shall permit the emission into the outdoor atmosphere of VOCs from Source 207 the stencil painting operation unless the following limitation is met:

The VOC content of each as applied coating shall be equal to or less than 6.67 lbs/gallon of coating solids.

[Compliance with the requirement(s) specified in this streamlined permit condition assures compliance with the SIP-approved surface coating VOC emission limit specified in 40 CFR Section 52.2020(c)]

II. TESTING REQUIREMENTS.

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee in the use of solvent-borne coatings shall demonstrate compliance with Source Level Requirements Condition #001 above by one of the following:

(a) The permittee in the use of solvent-borne coatings that are applied as received from the manufacturer shall demonstrate compliance with the applicable standard by obtaining EPA Method 24 certification testing from the manufacturer.

(b) In the absence of EPA Method 24 certification testing from the manufacturer allowed under (a), above, the permittee shall perform EPA Method 24 certified testing on all solvent-borne coatings applied as received from the manufacturer.

(c) The permittee shall perform EPA Method 24 certified testing on all

solvent-borne coatings that are not applied as received from the manufacturer.

III. MONITORING REQUIREMENTS.

#003 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall keep detailed records of all EPA Method 24 certification testing that has been done for all new and existing solvent-borne compliant coatings that have undergone a composition change.

The permittee shall also keep detailed records of all EPA Method 24 certification testing provided by the manufacturer for all solvent-borne coatings.

The permittee shall also maintain records of all EPA Method 24 certification testing it conducts on solvent-borne coatings that are applied as received from the manufacturer.

IV. RECORDKEEPING REQUIREMENTS.

#004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Manufacturer supplied VOC data sheets and Material Safety Data Sheets for all coatings applied at the Title V facility within the most recent five years shall be maintained and made available to Department representatives upon request.

#005 [25 Pa. Code §129.52]

Surface coating processes

The permittee shall maintain records sufficient to demonstrate compliance with Condition # 001 above. At a minimum, the permittee shall maintain daily records of:

(1) The following parameters for each coating, thinner and other component as supplied:

- (i) The coating, thinner or component name and identification number.
- (ii) The volume used,
- (iii) The mix ratio.

- (iv) The density or specific gravity.
 - (v) The weight percent of total volatiles, water, solids and exempts solvents.
 - (vi) The volume percent of solids for Table I surface coating process categories 1 - 10.
- (2) The VOC content of each coating, thinner and other component as supplied.
- (3) The VOC content of each as applied coating.

V. REPORTING REQUIREMENTS.

#006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Any new coating or any compositional changes in an existing coating, used by these sources, shall be reported to the Altoona District Supervisor prior to its production use. Information to be reported shall include items (1), (2) and (3) listed in Condition # 005.

[Additional authority for this permit condition is derived from OP No. 07-02002.]

#007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Annual reports containing, but not limited to, the following data shall be submitted to the Altoona District Supervisor:

- A) for each surface coating used by these sources:
- 1) coating identification
 - 2) coating use (e.g., paper coating)
 - 3) lbs. of VOC per gallon of coating solids
 - 4) coating density
 - 5) The weight percent of total volatiles, water, solids and exempt solvents.
 - 6) The volume percent of solids for for Table I surface coating

process categories 1-10.)

- 7) Solids by volume
- 8) Total gallons of coating used per month
- 9) The VOC content of each coating, thinner and other component as supplied.
- 10) The VOC content in lbs VOC/gallon of coating solids of each coating as applied.
- 11) lbs. of VOC emissions per reporting period from the surface coating operations.

B) For each cleanup solvent and degreaser used by this source

- 1) cleanup solvent/degreaser identification
- 2) use (e.g., cleanup solvent)
- 3) lbs. of VOC per gallon cleanup solvent/degreaser
- 4) gallons per month of cleanup solvent/degreaser used
- 5) lbs. of VOC emissions per reporting period from the cleanup solvent/degreaser operations

The report for January 1 through December 31 is due no later than March 1 of the following year for each operating year authorized by the operating permit.

[Additional authority for this permit condition is derived from OP No. 07-05002.]

VI. WORK PRACTICE STANDARDS.

#008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep all coating and clean-up solvent containers which contain VOC material tightly closed when not in use. Spills of materials containing VOC shall be cleaned up immediately with cleaning cloths or other methods that will minimize the evaporation of VOC into the atmosphere. Solvent-laden cleaning cloths shall be kept in closed

containers when not in use.

#009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Additional authority for this permit condition is derived from OP No. 07-02002.1

Waste clean up solvents and degreasers shall be sent off-site for either recycling or incineration at a legally permitted facility. Should the company desire to discount these materials from the emission inventory the following information will be required:

- (a) the quantities being disposed of;
- (b) the VOC content of the cleanup solvents and degreasers being disposed of;
- (c) documentation to verify the above shall be maintained for a five year period.

#010 [25 Pa. Code §129.52]

Surface coating processes

The VOC standard of Condition #001 above does not apply to a coating used exclusively for determining product quality and commercial acceptance, touch-up and repair and other small quantity coatings if the coating meets the following criteria:

- (1) The quantity of coating used does not exceed 50 gallons per year of a single coating and a total of 200 gallons per year for all coatings combined for the facility.
- (2) The owner or operator of the facility requests, in writing, and the Department approves, in writing, the exemption prior to use of the coating.

VII. ADDITIONAL REQUIREMENTS.

#011 [25 Pa. Code §129.52]

Surface coating processes

The VOC content of as applied coating, shown in Condition #001 above, expressed in units of weight of VOC per volume of coating solids, shall

be calculated as follows:

$$\text{VOC} = (\text{Wo})(\text{Dc})/\text{Vn}$$

Where:

VOC = VOC content in lb VOC/gal of coating solids

Wo = Weight percent of VOC (Wv-Ww-Wex)

Wv = weight percent of total volatiles (100% -weight percent solids)

Ww = Weight percent of water

Wex = Weight percent of exempt solvent(s)

Dc = Density of coating, lb/gal at 25 degrees C

Vn = Volume percent of solids of the as applied coating

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

Source ID: 208
Source Name: TORCHING & CUTTING

SOURCE CAPACITY:

Proc EP
208 -->Z208

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: 209
Source Name: VARIOUS WELDING OPERATIONS

SOURCE CAPACITY:

Proc EP
209 -->Z209

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: 210
Source Name: DEGREASERS

SOURCE CAPACITY:

Proc EP
210 -->Z210

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.

Manufacturer supplied VOC Data Sheets and or Material Safety Data Sheets for all surface coatings applied and cleanup solvents/degreasers utilized at this facility within the most recent five year period shall be maintained on site and be made available to the Department upon request.

[Additional authority for this permit condition is derived from OP No. 07-02002.]

#002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Waste cleanup solvents and degreasers shall be sent off-site for either recycling or incineration at a legally permitted facility. Should the company desire to discount these materials from the emissions inventory, the following information will be required:

- a) the quantities being disposed of

b) the VOC content of the cleanup solvents and degreasers being disposed of

c) documentation to verify the above shall be maintained for a five year period.

Additional authority for this permit condition is derived from OP No. 07-02002.]

V. REPORTING REQUIREMENTS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Annual reports containing, but not limited to, the following data shall be submitted to the Altoona District Supervisor:

For each cleanup solvent and degreaser used at the facility

- (a) cleanup solvent/degreaser identification
- (b) use (e.g., cleanup solvent)
- (c) lbs. of VOC per gallon cleanup solvent/degreaser
- (d) gallons per month of cleanup solvent/degreaser used
- (e) lbs. of VOC emissions per reporting period from the cleanup solvent/degreaser operations

The report for January 1 through December 31 is due no later than March 1 of the following year for each operating year authorized by the operating permit.

[Additional authority for this permit condition is derived from OP No. 07-02002.]

VI. WORK PRACTICE STANDARDS.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Waste cleanup solvents and wiping rags shall be collected and stored in closed containers.

[Additional authority for this permit condition is derived from OP No. 07-02002.]

#005 [25 Pa. Code §129.63]

Degreasing operations

All degreasers located at this facility shall be equipped with:

1. A cover to prevent evaporation of solvent during periods of non-use.
2. Equipment for draining cleaned parts.
3. A permanent, conspicuous label summarizing the operating requirements.

[Additional authority for this permit condition is derived from OP No. 07-02002.]

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: 002

Sources included in this group:

ID	Name
040	BABCOCK & WILCOX BOILER 1
041	BABCOCK & WILCOX BOILER 2

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 each source of Group 002 natural gas fired combustion units in excess of 0.4 pounds per million Btu of heat input.

#002 [25 Pa. Code §123.22]

Combustion units

No person shall permit the emission from each source of Source Group 002 combustion units into the outdoor atmosphere of sulfur oxides, expressed as sulfur dioxide, in excess of the rate of four pounds per million Btu of heat input over any 1-hour period.

Fuel Restriction(s).

#003 [25 Pa. Code §127.411]

Content of applications.

The permittee shall operate the Group 002 combustion units on commercial natural gas only.

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

Sources included in this group:

ID	Name
035	COUPLER FURNACE
036	COUPLER SHANK FURNACE (HOMEMADE)
037	METAL FORMING OVEN #2
038	METAL FORMING OVEN #3
039	METAL FORMING OVEN #4
043	OIL FIRED SPACE HEATERS
044	METAL FORMING OVEN #1
045	HEAT TREAT OVEN #5
046	STRAIGHTENING FURNACE

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 from each source of the Group 003 in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

#002 [25 Pa. Code §123.21]

General

No person shall permit the emission into the outdoor atmosphere of sulfur oxides from each of the Sources in Group 003 in such a manner that the concentration of sulfur oxides, expressed as sulfur dioxide, in the effluent gas exceeds 500 parts per million, by volume, dry basis.

Fuel Restriction(s).

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate each of the Sources in Group 003 on commercial No.2 fuel oil only.

#004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

No person shall offer for sale, delivery for use, exchange in trade or permit the use of #2 commercial fuel oil in nonair basin areas which contain sulfur in excess of 0.50 percent by weight.

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.

#005 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

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

IV. RECORDKEEPING REQUIREMENTS.

#006 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall maintain records of all fuel oil analysis 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).

Group Name: 004

Sources included in this group:

ID	Name
114	GASOLINE STORAGE TANK
115	GASOLINE STORAGE TANK

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 §129.61]

Small gasoline storage tank control (Stage 1 control)

[Additional authority for the following condition is derived from RACT Operating Permit No. 07-02002.]

The permittee may not transfer gasoline from a delivery vessel into the two, 1,000 gallon gasoline storage tanks of Source Group 004, unless the displaced vapors from the storage tanks are transferred to the dispensing delivery tank through a vapor tight return line and unless the receiving tanks are equipped with a submerged fill pipes which extends from the filling orifices to within 6" of the bottom of the tanks.

#002 [25 Pa. Code §129.62]

General standards for bulk gasoline terminals, bulk gasoline plants, and small gasoline st

[Additional authority for the following conditions are derived from RACT operating permit No. 07-02002.]

(a) The permittee may not allow gasoline to be spilled or discarded in sewers or stored in open containers or handled in a manner that would result in uncontrolled evaporation to the atmosphere.

(b) The permittee may not permit the transfer of gasoline between the tank truck or trailer and the two, 1,000 gallon gasoline storage tanks unless the following conditions are met:

(1) The vapor balance system is in good working order and is designed and operated in a manner that prevents the following:

(i) The gauge pressure from exceeding 18 inches of water and vacuum from exceeding 6 inches of water in the gasoline tank truck/trailer.

(ii) A reading equal to or greater than 100% of the lower explosive limit- LEL, measured as propane - at 1 inch from points on the perimeter of a potential leak source when measured by the method referenced in 139.14 (relating to emissions of VOCs) during loading or unloading operations.

(iii) Avoidable liquid leaks during loading or unloading operations.

(2) A truck, vapor balance system or vapor disposal system, if applicable, that exceeds the limits in paragraph (1) is repaired and retested within 15 days.

(3) There are no visually- or audibly detected leaks in the tank truck/trailers pressure/vacuum relief valves and hatch covers, the truck tanks or storage tanks, or associated vapor and liquid lines during loading or unloading.

(4) The pressure and vacuum relief valves on the storage vessels and tank trucks or trailers are set to release at no less than 0.7 psig of pressure or 0.3 psig of vacuum, or at the highest allowable pressure and vacuum as specified in State or local fire codes, the National Fire Prevention Association guidelines, or other National consensus standards acceptable to the Department.

Upon demonstration by the owner or operator of an underground small gasoline storage tank that the vapor balance system specified in paragraph (1) will achieve a 90% vapor recovery efficiency without a pressure and vacuum relief valve and that an interlock system, sufficient to ensure connection of the vapor recovery line prior to delivery of the gasoline, will be used--no pressure and vacuum relief valve is required. The vacuum setting on the pressure and vacuum relief valve on an underground storage tank may be set at the lowest vacuum setting which is sufficient to keep the closed at zero pressure and vacuum.

c) The permittee shall not allow a gasoline tank truck to be emptied at the Title V facility unless the gasoline tank truck:

(1) Has been tested by the owner or operator within the immediately preceding 12 months in accordance with 139.14.

(2) Sustains a pressure change of no more than 750 pascals (3 inches of H₂O) in 5 minutes when pressurized to a gauge pressure of 18 inches of H₂O (4,500 pascals) or evacuated to a gauge pressure of 6 inches of H₂O (1,500 pascals) during the testing required in paragraph (1)

(3) Is repaired by the owner or operator and retested within 15 days of testing if it does not meet the criteria in paragraph (2).

(4) Displays a clear marking near the Department of Transportation Certification plate required by 49 CFR 178.340-10b (relating to certification), which shows the most recent date upon which the gasoline tank truck passed the test required in this subsection.

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: 001

Sources included in this group:

ID	Name
101	TRACK #2 SPRAY BOOTH
102	TRACK #3 SPRAY BOOTH
103	TRACK #4 SPRAY BOOTH

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 from each source of the Source Group 001 surface coating operations in such a manner that the concentration of particulate matter in the effluent gas exceeds 0.04 grain per dry standard cubic foot.

#002 [25 Pa. Code §129.52]

Surface coating processes

No person shall permit the emission into the outdoor atmosphere of VOCs from each of the Group 001 surface coating operations unless the following limitation is met:

The VOC content of each as applied coating shall be equal to or less than 6.67 lbs/gallon of coating solids.

[Compliance with the requirement(s) specified in this streamlined permit condition assures compliance with the SIP-approved surface coating VOC emission limit specified in 40 CFR Section 52.2020(c)]

II. TESTING REQUIREMENTS.

#003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee in the use of solvent-borne coatings shall demonstrate compliance with the Group Level Requirements Condition #002 above by one of the following:

(a) The permittee in the use of solvent-borne coatings that are applied

as received from the manufacturer shall demonstrate compliance with the applicable standard by obtaining EPA Method 24 certification testing from the manufacturer.

(b) In the absence of EPA Method 24 certification testing from the manufacturer allowed under (a), above, the permittee shall perform EPA Method 24 certified testing on all solvent-borne coatings applied as received from the manufacturer.

(c) The permittee shall perform EPA Method 24 certification testing on all solvent-borne coatings that are not applied as received from the manufacturer.

III. MONITORING REQUIREMENTS.

#004 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

The permittee shall keep detailed records of all EPA Method 24 certification testing that has been done for all new and existing solvent-borne compliant coatings that have undergone a composition change.

The permittee shall also keep detailed records of all EPA Method 24 certification testing performed by the manufacturer for all solvent-borne coatings that are applied as received from the manufacturer.

The permittee shall also maintain records of all EPA Method 24 certification testing it conducts on solvent-borne coatings that are applied as received from the manufacturer.

IV. RECORDKEEPING REQUIREMENTS.

#005 [25 Pa. Code §127.511]

Monitoring and related recordkeeping and reporting requirements.

Manufacturer-supplied VOC data sheets and Material Safety Data Sheets for all coatings applied at the Title V facility within the most recent five years shall be maintained and made available to Department representatives upon request.

#006 [25 Pa. Code §129.52]

Surface coating processes

The permittee shall maintain records sufficient to demonstrate compliance with Condition # 002 above. At a minimum, the permittee shall maintain daily records of the following:

- (1) The following parameters for each coating, thinner and other component as supplied:
 - (i) The coating, thinner or component name and identification number.
 - (ii) The volume used.
 - (iii) The mix ratio.
 - (iv) The density or specific gravity.
 - (v) The weight percent of total volatiles, water, solids and exempt solvents.
 - (vi) The volume percent of solids for Table I surface coating process categories 1 -10.
- (2) The VOC content of each coating, thinner and other component as supplied.
- (3) The VOC content of each as applied coating

V. REPORTING REQUIREMENTS.

#007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

Annual reports containing, but not limited to, the following data shall be submitted to the Altoona District Supervisor:

- A) for each surface coating used by these sources:
 - 1) coating identification
 - 2) coating use (e.g., paper coating)
 - 3) lbs. of VOC per gallon coating solids
 - 4) coating density
 - 5) The weight percent of total volatiles, water, solids and exempt solvents.
 - 6) The volume percent of solids for Table I surface coating process

categories 1 -10.

- 7) Solids by volume.
- 8) Total gallons of coating used per month.
- 9) The VOC content of each coating, thinner and other component as supplied.
- 10) The VOC content in lbs/gallon solids of each coating as applied.
- 11) lbs. of VOC emissions per reporting period from the surface coating operations

B) For each cleanup solvent and degreaser used by this sources

- 1) cleaup solvent/degreaser Identification
- 2) use (e.g., cleanup solvent)
- 3) lbs. of VOC per gallon cleaup solvent/degreaser
- 4) gallons per month of cleaup solvent/degreaser used
- 5) lbs. of VOC emissions per reporting period from the cleanup solvent/degreaser operations

The report for January 1 through December 31 is due no later than March 1 of the following year for each operating year authorized by the operating permit.

[Additional authority for this permit condition is derived from OP No. 07-05002.]

#008 [25 Pa. Code §127.441]
Operating permit terms and conditions.

Any new coating or any compositional changes in an existing coating, used by these sources, shall be reported to the Altoona District Supervisor prior to its production use. Information to be reported shall include items (1), (2) and (3) listed in Condition # 006.

[Additional authority for this permit condition is derived from OP No. 07-02002.]

VI. WORK PRACTICE STANDARDS.

#009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep all coating and clean-up solvent containers which contain VOC material tightly closed when not in use. Spills of materials containing VOC shall be cleaned up immediately with cleaning cloths or other methods that will minimize the evaporation of VOC into the atmosphere. Solvent-laden cleaning cloths shall be kept in closed containers when not in use.

#010 [25 Pa. Code §129.52]

Surface coating processes

The VOC emission limitation of Condition #002 above does not apply to a coating used exclusively for determining product quality and commercial acceptance, touch-up and repair and other small quantity coatings if the coating meets the following criteria:

- (1) The quantity of coating used does not exceed 50 gallons per year for a single coating and a total of 200 gallons per year for all coatings combined for the facility.
- (2) The owner or operator of the facility requests, in writing, and the Department approves, in writing, the exemption prior to use of the coating.

VII. ADDITIONAL REQUIREMENTS.

#011 [25 Pa. Code §129.52]

Surface coating processes

The VOC content of the as applied coating, as shown in Condition #002 above, expressed in units of weight of VOC per volume of coating solids, shall be calculated as follows:

$$\text{VOC} = (\text{Wo})(\text{Dc})/\text{Vn}$$

Where:

VOC = VOC content in lb VOC/gal of coating solids

Wo = Weight percent of VOC (Wv-Ww-Wex)

Wv = Weight percent of total volatiles (100% - weight percent solids)

Ww = Weight percent of water

Wex = Weight percent of exempt solvent(s)

Dc = Density of coating, lb/gal, at 25 degrees C

Vn = Volume percent of solids of the as applied coating

***** 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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DEP ID Source Description

Emission Limit

Pollutant

No Emission Restrictions listed in this section of the permit.

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

Source 047, Manual Paint and Tar Spraying of Railcars
Source 048, Outdoor Grit Blasting of Rail Cars

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