



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION AIR QUALITY PROGRAM

STATE ONLY OPERATING PERMIT

Issue Date: July 17, 2019 Effective Date: October 3, 2019
Revision Date: October 3, 2019
Expiration Date: July 16, 2024

Revision Type: Amendment

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

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated.

State Only Permit No: 09-00106

Synthetic Minor

Federal Tax Id - Plant Code: 91-1347935-1

Owner Information

Name: UNIVAR SOLUTIONS USA INC
Mailing Address: 200 DEAN SIEVERS PLACE
MORRISVILLE, PA 19067-3613

Plant Information

Plant: UNIVAR SOLUTIONS USA INC/MORRISVILLE SIEVERS PL

Location: 09 Bucks County 09002 Falls Township

SIC Code: 5169 Wholesale Trade - Chemicals And Allied Products, Nec

Responsible Official

Name: DAVID CHATHAM Title: REGIONAL VP Phone: (215) 428 - 6990

Permit Contact Person

Name: GEORGE TURK

Title: BRANCH OPERATION MGR

Phone: (215) 428 - 6990

[Signature]	

JAMES D. REBARCHAK, SOUTHEAST REGION AIR PROGRAM MANAGER





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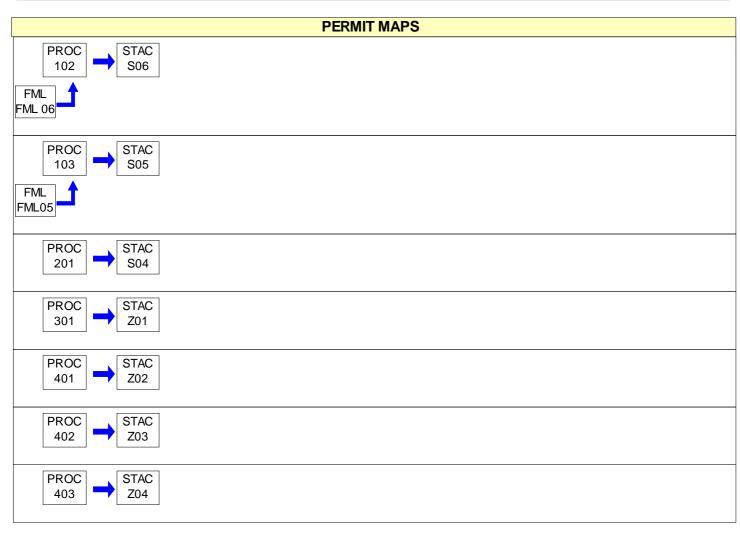






SECTION A. Site Inventory List

Source I	D Source Name	Capacity/	Throughput	Fuel/Material
102	DETROIT-DIESEL FIRE PUMP		N/A	# 2 OIL
103	CUMMINS EMERGENCY GENERATOR	18.500	Gal/HR	# 2 FUEL OIL
201	DRUM ROOMS (3: SOLV, USP, ACID)	4,680.000	Gal/HR	ORG LIQ/CORROS/H2O2
301	TRANSFER STATIONS (6 SOLVENT/CORROSIVE)	9,360.000	Gal/HR	ORG LIQ/CORROSIVES
401	SOLVENT BLEND TANK S-1		N/A	ORGANIC LIQUID
402	FIXED ROOF STORAGE TANKS (21)		N/A	SEE CONDITION # 006
403	VERTICAL FIXED ROOF STORAGE TANK (ID-S5)		N/A	ORGANIC LIQ WITH TRUE
FML 06	DETROIT DIESEL FIRE PUMP FUEL			
FML05	CUMMINS EMERGENCY GEN DIESEL FUEL TANK			
S04	DRUM ROOM (SOLV, USP, ACID,) STKS			
S05	CUMMINS EMERGENCY GENERATOR STACK			
S06	DETROIT DIESEL FIRE PUMP STACK			
Z01	TRANS STATION (SOLVENT, CORROS) FUGITIVES			
Z02	SOLVENT BLEND TANK S-1 FUGITIVES			
Z03	NON-NSPS STORAGE TANK FUGITIVES			
Z04	STORAGE TANK S-5 FUGITIVES			







#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 in 25 Pa. Code § 121.1.

#002 [25 Pa. Code § 127.446]

Operating Permit Duration.

- (a) This operating permit is issued for a fixed term of five (5) years and shall expire on the date specified on Page 1 of this permit.
- (b) The terms and conditions of the expired permit shall automatically continue pending issuance of a new operating 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.

#003 [25 Pa. Code §§ 127.412, 127.413, 127.414, 127.446 & 127.703(b)&(c)]

Permit Renewal.

- (a) The permittee shall submit a timely and complete application for renewal of the operating permit to the appropriate Regional Air Program Manager. The application for renewal of the operating permit shall be submitted at least six (6) months and not more than 18 months before the expiration date of this permit.
- (b) The application for permit renewal shall include the current permit number, a description of any permit revisions that occurred during the permit term, and any applicable requirements that were promulgated and not incorporated into the permit during the permit term. 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.
- (c) The permittee shall submit with the renewal application a fee for the processing of the application and an additional annual administrative fee as specified in 25 Pa. Code § 127.703(b) and (c). The fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund" and shall be for the amount specified in the following schedule specified in 25 Pa. Code § 127.703(b) and (c).
 - (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.
- (d) 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.
- (e) The application for renewal of the operating permit shall also include submission of supplemental compliance review forms in accordance with the requirements of 25 Pa. Code § 127.412(b) and § 127.412(j).
- (f) The permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information as necessary to address any requirements that become applicable to the source after the permittee submits a complete application, but prior to the date the Department takes action on the permit application.

#004 [25 Pa. Code § 127.703]

Operating Permit Fees under Subchapter I.

- (a) The permittee shall pay fees according to the following schedule specified in 25 Pa. Code § 127.703(b):
 - (1) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (2) Three hundred seventy-five dollars for applications filed for the calendar years beginning in 2005.

This fee schedule shall apply to the processing of an application for an operating permit as well as the extension,





modification, revision, renewal, and re-issuance of each operating permit or part thereof.

- (b) The permittee shall pay an annual operating permit administrative fee according to the fee schedule established in 25 Pa. Code § 127.703(c).
 - (1) Two hundred fifty dollars for applications filed during the 1995-1999 calendar years.
 - (2) Three hundred dollars for applications filed during the 2000-2004 calendar years.
 - (3) Three hundred seventy-five dollars for applications filed during the years beginning in 2005.
- (c) The applicable fees shall be made payable to "The Commonwealth of Pennsylvania Clean Air Fund".

#005 [25 Pa. Code §§ 127.450 (a)(4) and 127.464]

Transfer of Operating Permits.

- (a) This operating permit may not be transferred to another person, except in cases of transfer-of-ownership that are documented and approved by the Department.
- (b) In accordance with 25 Pa. Code § 127.450(a)(4), a change in ownership of the source shall be treated as an administrative amendment if the Department determines that no other change in the permit is required and 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 a compliance review form has been submitted to, and the permit transfer has been approved by, the Department.
- (c) This operating permit is valid only for those specific sources and the specific source locations described in this permit.

#006 [25 Pa. Code § 127.441 and 35 P.S. § 4008] Inspection and Entry.

- (a) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Department or authorized representatives of the Department to perform the following:
- (1) Enter at reasonable times upon the permittee's premises where a 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, at reasonable times, any records that are kept under the conditions of this permit;
- (3) Inspect at reasonable times, any 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, any 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 or regulations adopted thereunder including denying the Department access to a source at this facility. Refusal of entry or access may constitute grounds for permit revocation and assessment of criminal and/or civil penalties.
- (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 §§ 127.441 & 127.444]

Compliance Requirements.

(a) The permittee shall comply with the conditions of this operating 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 for the source is 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 State-Only 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 § 127.441]

Need to Halt or Reduce Activity Not a Defense.

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

#009 [25 Pa. Code §§ 127.442(a) & 127.461]

Duty to Provide Information.

- (a) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of each source at the facility.
- (b) The permittee shall furnish to the Department, in writing, information that the Department may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Department copies of records that the permittee is required to maintain in accordance with this permit.

#010 [25 Pa. Code § 127.461]

Revising an Operating Permit for Cause.

This operating permit may be terminated, modified, suspended or revoked and reissued if one or more of the following applies:

- (1) The permittee constructs or operates the source subject to the operating permit so that it is in violation of the Air Pollution Control Act, the Clean Air Act, the regulations thereunder, a plan approval, a permit or in a manner that causes air pollution.
- (2) The permittee fails to properly or adequately maintain or repair an air pollution control device or equipment attached to or otherwise made a part of the source.
- (3) The permittee has failed to submit a report required by the operating permit or an applicable regulation.
- (4) The EPA determines that the permit is not in compliance with the Clean Air Act or the regulations thereunder.

#011 [25 Pa. Code §§ 127.450 & 127.462]

Operating Permit Modifications

(a) The permittee is authorized to make administrative amendments, minor operating permit modifications and





significant operating permit modifications, under this permit, as outlined below:

- (b) Administrative Amendments. The permittee shall make administrative operating permit amendments (as defined in 25 Pa. Code § 127.450(a)), according to procedures specified in § 127.450 unless precluded by the Clean Air Act or its regulations.
- (c) Minor Operating Permit Modifications. The permittee shall make minor operating permit modifications (as defined 25 Pa. Code § 121.1) in accordance with 25 Pa. Code § 127.462.
- (d) Permit modifications which do not qualify as minor permit modifications under 25 Pa. Code § 127.541 will be treated as a significant operating permit revision subject to the public notification procedures in §§ 127.424 and 127.425.

#012 [25 Pa. Code § 127.441]

Severability Clause.

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

#013 [25 Pa. Code § 127.449]

De Minimis Emission Increases.

- (a) This permit authorizes de minimis emission increases in accordance with 25 Pa. Code § 127.449 so long as the permittee provides the Department with seven (7) days prior written notice before commencing any de minimis emissions increase. The written notice shall:
 - (1) Identify and describe the pollutants that will be emitted as a result of the de minimis emissions increase.
- (2) Provide emission rates expressed in tons per year and in terms necessary to establish compliance consistent with any applicable requirement.
- (b) The Department may disapprove or condition de minimis emission increases at any time.
- (c) Except as provided below in (d), the permittee is authorized 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, the regulations thereunder 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, the regulations thereunder or 25 Pa. Code Article III.
 - (6) Other sources and classes of sources determined to be of minor significance by the Department.
- (d) In accordance with § 127.14, the permittee is authorized to install the following minor sources without the need for a plan approval or permit modification:



- (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 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.
- (e) 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 (c)(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 this permit, the Air Pollution Control Act, the Clean Air Act, or the regulations promulgated under either of the acts.
- (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, installation of minor sources made pursuant to this permit condition and Plan Approval Exemptions under 25 Pa. Code § 127.14 (relating to exemptions), the permittee is prohibited from making 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.

#014 [25 Pa. Code § 127.3]

Operational Flexibility.

The permittee is authorized to make changes within the facility in accordance with the regulatory provisions outlined in 25 Pa. Code § 127.3 (relating to operational flexibility) to implement the operational flexibility requirements provisions authorized under Section 6.1(i) of the Air Pollution Control Act and the operational flexibility terms and conditions of this permit. The provisions in 25 Pa. Code Chapter 127 which implement the operational flexibility requirements include the following:

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

#015 [25 Pa. Code § 127.11]

Reactivation

- (a) The permittee may not reactivate a source that has been out of operation or production for at least one year unless the reactivation is conducted in accordance with a plan approval granted by the Department or in accordance with reactivation and maintenance plans developed and approved by the Department in accordance with 25 Pa. Code § 127.11a(a).
- (b) A source which has been out of operation or production for more than five (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).

#016 [25 Pa. Code § 127.36]

Health Risk-based Emission Standards and Operating Practice Requirements.

- (a) When needed to protect public health, welfare and the environment from emissions of hazardous air pollutants from new and existing sources, the permittee shall comply with the health risk-based emission standards or operating practice requirements imposed by the Department, except as precluded by §§ 6.6(d)(2) and (3) of the Air Pollution Control Act [35 P.S. § 4006.6(d)(2) and (3)].
- (b) A person challenging a performance or emission standard established by the Department has the burden to demonstrate that performance or emission standard does not meet the requirements of Section 112 of the Clean Air Act.

#017 [25 Pa. Code § 121.9]

Circumvention.

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 25 Pa. Code Article III, except that with prior approval of the Department, the device or technique may be used for control of malodors.

#018 [25 Pa. Code §§ 127.402(d) & 127.442]

Reporting Requirements.

- (a) The permittee shall comply with the applicable reporting requirements of the Clean Air Act, the regulations thereunder, the Air Pollution Control Act and 25 Pa. Code Article III including Chapters 127, 135 and 139.
- (b) The permittee shall submit reports to the Department containing information the Department may prescribe relative to the operation and maintenance of any air contamination source.
- (c) 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 in the permit transmittal letter, or otherwise notified)

- (d) Any records or information including applications, forms, or reports submitted pursuant to this permit condition shall contain a certification by a responsible official as to truth, accuracy and completeness. The certifications submitted under this permit shall require a responsible official of the facility to certify that based on information and belief formed after reasonable inquiry, the statements and information in the documents are true, accurate and complete.
- (e) Any records, reports or information submitted to the Department shall be available to the public except for such



records, reports or information which meet the confidentiality requirements of § 4013.2 of the Air Pollution Control Act and §§ 112(d) and 114(c) of the Clean Air Act. The permittee may not request a claim of confidentiality for any emissions data generated for the facility.

#019 [25 Pa. Code §§ 127.441(c) & 135.5]

Sampling, Testing and Monitoring Procedures.

- (a) The permittee shall comply with the monitoring, recordkeeping or reporting requirements of 25 Pa. Code Chapter 139 and the other applicable requirements of 25 Pa. Code Article III and additional requirements related to monitoring, reporting and recordkeeping required by the Clean Air Act and the regulations thereunder including the Compliance Assurance Monitoring requirements of 40 CFR Part 64, where applicable.
- (b) Unless alternative methodology is required by the Clean Air Act and regulations adopted thereunder, sampling, testing and monitoring required by or used by the permittee to demonstrate compliance with any applicable regulation or permit condition shall be conducted in accordance with the requirements of 25 Pa. Code Chapter 139.

#020 [25 Pa. Code §§ 127.441(c) and 135.5]

Recordkeeping.

- (a) The permittee shall maintain and make available, upon request by the Department, the following records of monitored information:
 - (1) The date, place (as defined in the permit) and time of sampling or measurements.
 - (2) The dates the analyses were performed.
 - (3) The company or entity that performed the analyses.
 - (4) The analytical techniques or methods used.
 - (5) The results of the analyses.
 - (6) The operating conditions as existing at the time of sampling or measurement.
- (b) The permittee shall retain records of any 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.

#021 [25 Pa. Code § 127.441(a)]

Property Rights.

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

#022 [25 Pa. Code § 127.447]

Alternative Operating Scenarios.

The permittee is authorized to make changes at the facility to implement alternative operating scenarios identified in this permit in accordance with 25 Pa. Code § 127.447.





I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §121.7]

Prohibition of air pollution.

The permittee shall not permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. Section 4003).

002 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

- (a) The permittee shall not permit the emission into the outdoor atmosphere of fugitive air contaminant from a source other than the following:
 - (1) Construction or demolition of buildings or structures.
 - (2) Grading, paving and maintenance of roads and streets.
- (3) 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.
 - (4) Clearing of land.
 - (5) Stockpiling of materials.
 - (6) Open burning operations.
 - (7) Blasting in open pit mines. Emissions from drilling are not considered as emissions from blasting.
- (8) Coke oven batteries, provided the fugitive air contaminants emitted from any coke oven battery comply with the standards for visible fugitive emissions in § § 123.44 and 129.15 (relating to limitations of visible fugitive air contaminants from operation of any coke oven battery; and coke pushing operations).
- (9) Sources and classes of sources other than those identified in paragraphs (1)-(8), for which the operator has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (i) the emissions are of minor significance with respect to causing air pollution; and
- (ii) the emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

003 [25 Pa. Code §123.2]

Fugitive particulate matter

The permittee shall not permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in 25 Pa. Code 123.1(a)(1-9), if such emissions are visible at the point the emissions pass outside the person's property.

004 [25 Pa. Code §123.31]

Limitations

The permittee shall not 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.

005 [25 Pa. Code §123.41]

Limitations

The permittee shall 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:

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



006 [25 Pa. Code §123.42]

Exceptions

The limitations of 25 Pa Code § 123.41, shall not apply to a visible emission in either of the following instances:

- (a) When the presence of uncombined water is the only reason for failure of the emission to meet the limitations.
- (b) When the emission results from sources specified in 25 Pa. Code 123.1(a)(1-9).

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the total VOC emissions from the facility to less than 24.9 tons per year calculated on a 12-month rolling sum.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall not exceed the following emissions of Hazardous Air Pollutants (HAPs) for the entire site, calculated monthly and on a 12-month rolling sum:

- (a) 9.9 tons per year for any individual HAP.
- (b) 24.9 tons per year for total HAPs.

009 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall limit the total NOx emissions from the facility to less than 24.9 tons per year calculated on a 12-month rolling sum.

010 [25 Pa. Code §129.14]

Open burning operations

The permittee shall not permit the open burning of material except the following:

- (a) 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.
 - (b) A fire set for the purpose of instructing personnel in fire fighting, when approved by the Department.
 - (c) A fire set for the prevention and control of disease or pests, when approved by the Department.
 - (d) A fire set solely for cooking food.
 - (e) A fire set solely for recreational or ceremonial purposes.

II. TESTING REQUIREMENTS.

011 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) If at any time the Department has cause to believe that air contaminant emissions from any source(s) listed in Sections A or G, of this permit, may be in excess of the limitations specified in this permit, or established pursuant to, any applicable rule or regulation contained in 25 Pa. Code Article III, the permittee shall be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s).
- (b) Such testing shall be conducted in accordance with the provisions of 25 Pa. Code Chapter 139, when applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the permittee that testing is required.



III. MONITORING REQUIREMENTS.

012 [25 Pa. Code §123.43]

Measuring techniques

09-00106

Visible emissions shall be measured using either of the following:

- (a) A device approved by the Department and maintained to provide accurate opacity measurements.
- (b) Observers, trained and qualified to measure plume opacity with the naked eye or with the aid of any devices approved by the Department.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall monitor the facility, once per operating day, for the following:
- (1) Odors which may be objectionable (as per 25 Pa. Code §123.31).
- (2) Visible Emissions (as per 25 Pa. Code §§123.41 and 123.42).
- (3) Fugitive Particulate Matter (as per 25 Pa. Code §§ 123.1 and 123.2).
- (b) Objectionable odors, fugitive particulate emissions, and visible emissions that are caused or may be caused by operations at the site shall:
 - (1) Be investigated;
 - (2) Be reported to the facility management, or individual(s) designated by the permittee;
 - (3) Have appropriate corrective action taken (for emissions that originate on-site); and
 - (4) Be recorded in a permanent written log.
- (c) After six (6) months of daily monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the monitoring frequency to weekly for the next six month period.
- (d) After six (6) months of weekly monitoring, and upon the permittee's request, the Department will determine the feasibility of decreasing the frequency of monitoring to monthly.
- (e) The Department reserves the right to change the above monitoring requirements at any time, based on but not limited to: the review of the compliance certification, complaints, monitoring results, and/or Department findings.

014 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall calculate the following monthly and on a 12-month rolling sum for the entire facility:

- (a) Total VOC emissions.
- (b) Total emissions of each individual HAP.
- (c) Total combined HAP emissions.
- (d) Total NOx emissions.

IV. RECORDKEEPING REQUIREMENTS.

015 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records for the following, monthly and on a 12-month rolling sum for the entire facility:

- (a) Total VOC emissions.
- (b) Total emissions of each individual HAP.
- (c) Total combined HAP emissions.



(d) Total NOx emissions.

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016 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep a record of all monitoring of odors, visible emissions, and fugitive particulate emissions, including those that deviate from the conditions found in this permit. The record of deviations shall contain, at a minimum, the following items:

- (a) The date, time, and location of the incident(s).
- (b) The cause of the event.
- (c) The corrective action taken, if necessary to abate the situation and prevent future occurrences.

V. REPORTING REQUIREMENTS.

017 [25 Pa. Code §127.441]

Operating permit terms and conditions.

- (a) The permittee shall, within two (2) hours of discovery of any occurrence, notify the Department, at (484) 250-5920, of any malfunction of the sources or associated air pollution control devices listed in Sections A or G, of this permit, which results in, or may possibly result in, the emission of air contaminants in excess of the limitations specified in this permit, or of a regulation contained in 25 Pa. Code Article III.
- (b) Any malfunction(s) which occurs at this facility, and poses an imminent danger to public health, safety, welfare, and the environment, and would violate permit conditions if the source(s) were to continue to operate after the malfunction(s), shall immediately be reported to the Department by telephone at the above number.
- (c) A written report shall be submitted to the Department within 2 working days following the notification of the incident, and shall describe, at a minimum, the following:
 - (1) The malfunction(s).
 - (2) The emission(s).
 - (3) The duration.
 - (4) Any corrective action taken.

018 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 40 C.F.R. Part 68.]

- (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 C.F.R. 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 C.F.R. Part 68, and the Federal Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act when a regulated substance listed in 40 C.F.R. § 68.130 is present in a process in more than the threshold quantity at a major facility. The permittee shall submit the RMP to the EPA 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) Three years after the date on which a regulated substance is first listed in 40 C.F.R. § 68.130.





- (ii) 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 C.F.R. § 68.190.
- (3) The permittee shall certify that the RMP is accurate and complete in accordance with the requirements of 40 C.F.R. 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 C.F.R. § 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 this facility is subject to 40 C.F.R. Part 68, as part of the certification required under this permit, the permittee shall perform the following:
- (1) Submit a compliance schedule for satisfying the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. § 68.10(a).
- (2) Certify that this facility is in compliance with all requirements of 40 C.F.R. Part 68 including the registration and submission of the RMP.
- (e) If this facility is subject to 40 C.F.R. Part 68, the permittee shall maintain records supporting the implementation of an accidental release program for 5 years in accordance with 40 C.F.R. § 68.200.
- (f) When this facility is subject to the accidental release program requirements of Section 112(r) of the Clean Air Act and 40 C.F.R. Part 68, appropriate enforcement action will be taken by the Department if the permittee fails to perform either of the following:
 - (1) Register and submit the RMP or a revised plan pursuant to 40 C.F.R. Part 68.
- (2) Submit a compliance schedule or include a statement in an annual compliance certification for the previous year indicating compliance with the requirements of the terms and conditions of this permit and the requirements of Section 112(r) of the Clean Air Act, 40 C.F.R. Part 68, and 25 Pa. Code § 127.512(i).
 - (i) The compliance certification shall include the following:
 - (A) The identification of each term or condition of the permit that is the basis of the certification.
 - (B) The compliance status.
 - (C) The methods used for determining the compliance status of the source, currently and over the reporting period.
 - (D) Whether compliance was continuous or intermittent.
- (ii) The compliance certification should be postmarked or hand-delivered within 30 days of each anniversary date of the date of issuance of this permit.

019 [25 Pa. Code §135.3]

Reporting

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

If the permittee has been previously advised by the Department to submit a source report, the permittee shall submit by March 1, of each year, a source report for the preceding calendar year. The report shall include information from 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, including those sources listed in the Miscellaneous Section of this permit.

The permittee may request an extension of time from the Department for the filing of a source report, and the Department may grant the extension for reasonable cause.

VI. WORK PRACTICE REQUIREMENTS.

020 [25 Pa. Code §123.1]

Prohibition of certain fugitive emissions

The permittee responsible for any source specified in 25 Pa. Code 123.1(a)(1-9), shall take all reasonable actions to prevent particulate matter from becoming airborne. These actions shall include, but not be limited to, the following:

- (a) Use, where possible, of water or suitable chemicals, for control of dust in the demolition of buildings or structures, construction operations, the grading of roads, or the clearing of land.
- (b) Application of asphalt, oil, water, or suitable chemicals on dirt roads, material stockpiles, and other surfaces which may give rise to airborne dusts.
 - (c) Paving and maintenance of roadways.
- (d) Prompt removal of earth or other material from paved streets onto which earth or other material has been transported by trucking or earth moving equipment, erosion by water, or other means.

021 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall ensure that the sources and air pollution control devices listed in Sections A and G, of this permit, are operated and maintained in a manner consistent with good operating and maintenance practices, and in accordance with manufacturers' specifications.

022 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.512.]

The permittee shall not modify any air contaminant system identified in this permit, prior to obtaining Department approval, except those modifications authorized by Condition #013(q), of Section B, of this permit.

023 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall immediately, upon discovery, implement measures, which may include the application for the installation of an air cleaning device(s), if necessary, to reduce the air contaminant emissions to within applicable limitations, if at any time the operation of the source(s) identified in Section A, of this permit, is causing the emission of air contaminants in excess of the limitations specified in, or established pursuant to, 25 Pa. Code Article III or any other applicable rule promulgated under the Clean Air Act.

024 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall follow the work practice standards listed below:

- (a) All VOC-containing materials shall be stored in closed, nonabsorbent, non-leaking containers when not being mixed or transferred to another container.
- (b) Cloth and paper, or other absorbent applicators, moistened with coatings, solvents or cleaning solvents, shall be stored in closed, nonabsorbent, non-leaking containers.
- (c) All spills shall be cleaned up as soon as possible.







VII. ADDITIONAL REQUIREMENTS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VIII. COMPLIANCE CERTIFICATION.

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

IX. COMPLIANCE SCHEDULE.

No compliance milestones exist.

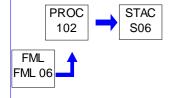






Source ID: 102 Source Name: DETROIT-DIESEL FIRE PUMP

> Source Capacity/Throughput: N/A # 2 OIL



RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.21]

General

The permittee shall not permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 ppmvd.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use No. 2 fuel oil for the fire pump associated with this Source ID.

Operation Hours Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.93.]

The permittee shall limit the hours of operation for the fire pump associated with this Source ID to less than 500 hours per year, calculated on a 12-month rolling sum.

[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal **Combustion Engines**

How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?

- (a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 63.6640(f).
- (b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. Section 63.6640(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart ZZZZ and must meet all requirements for nonemergency engines.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the fire pump associated with this Source ID, the permittee shall monitor the following parameters:

(a) The dates of operation.







- (b) The start and end time of operation.
- (c) The total hours of operation, on a monthly basis.
- (d) The amount of No. 2 fuel oil consumed on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the fire pump associated with this Source ID, the permittee shall keep records of the following parameters:

- (a) The dates of operation.
- (b) The start and end time of operation.
- (c) The amount of No. 2 fuel oil consumed on a monthly basis.

007 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What records must I keep?

The permittee shall keep records of when the following operational maintenance services were performed on the engine/generator associated with this source, to include the date and hour reading on the hour meter of the engine/generator:

- a. Change the oil filter every 500 hours of operation or annually, whichever comes first;
- b. Inspect the air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as needed.

008 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What records must I keep?

- a. The permittee shall keep records of the hours of operation, with a non-resettable hour meter, for this source monthly and on a 12-month rolling sum.
- b. The hours of operation records shall indicate how many hours are spent for emergency operation, non-emergency operation, demand response, maintenance and readiness testing.
- c. The permittee shall keep records of the notification of the emergency situation, the date, start time and end time of the engine if the engine is used for demand response operation.

[Compliance with this condition assures compliance with 40 C.F.R. 63 § 63.6655(f)]

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).



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SECTION D. Source Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?

The permittee shall perform the following operational maintenance services on this source:

- a. Change the oil filter every 500 hours of operation or annually, whichever comes first;
- b. Inspect the air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as needed.

[Compliance with this condition assures compliance with 40 C.F.R. 63 § 63.6603(a)]

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

[Additional Authority for this permit condition is also derived from 40 C.F.R. § 63.6625(h)]

The permittee shall limit the engine's time spent at idle during startup and limit the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

[Additional authority for this condition is also derived from 40 C.F.R. § 63.6625(f)]

The permittee shall operate and maintain a non-resettable hour meter on this generator.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

[Additional Authority for this permit condition is also derived from 40 C.F.R. § 63.6605 and 63.6625(e)]

- a. The permittee shall at all times, operate and maintain this source in accordance with the manufacturer's specifications and in a manner consistent with safety and good air pollution control practices.
- b. The permittee may develop their own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engines in a manner consistent with good air pollution control practice for minimizing emissions.

VII. ADDITIONAL REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source ID (102) consists of a Detroit Diesel Fire Pump. The fire pump engine is rated at 265 hp (198 kW).

The permittee shall only use the Detroit Diesel engine (265hp) to power the fire water supply pump and shall not generate any electricity for local transmission/distribution systems.



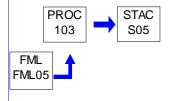
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SECTION D. Source Level Requirements

Source ID: 103 Source Name: CUMMINS EMERGENCY GENERATOR

Source Capacity/Throughput: 18.500 Gal/HR # 2 FUEL OIL



I. RESTRICTIONS.

Emission Restriction(s).

001 [25 Pa. Code §123.21]

General

The permittee shall not permit the emission into the outdoor atmosphere of sulfur oxides from this source in a manner that the concentration of the sulfur oxides, expressed as SO2, in the effluent gas exceeds 500 ppmvd.

Fuel Restriction(s).

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only use No. 2 fuel oil for the emergency generator associated with this Source ID.

Operation Hours Restriction(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 129.93.]

The permittee shall limit the hours of operation for the emergency generator associated with this Source ID to less than 500 hours per year, calculated on a 12-month rolling sum.

004 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6640]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

How do I demonstrate continuous compliance with the emission limitations, operating limitations, and other requirements?

- (a) The permittee shall operate the emergency stationary R.I.C.E. according to the requirements in the most recent version of 40 C.F.R. Section 63.6640(f).
- (b) If the permittee does not operate the engine according to the requirements of 40 C.F.R. Section 63.6640(f), the engine will not be considered an emergency engine under 40 C.F.R. Part 63 Subpart ZZZZ and must meet all requirements for non-emergency engines.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the emergency generator associated with this Source ID, the permittee shall monitor the following parameters:







- (a) The dates of operation.
- (b) The start and end time of operation.
- (c) The total hours of operation, on a monthly basis.
- (d) The amount of No. 2 fuel oil consumed on a monthly basis.

IV. RECORDKEEPING REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the emergency generator associated with this Source ID, the permittee shall keep records of the following parameters:

- (a) The dates of operation.
- (b) The start and end time of operation.
- (c) The amount of No. 2 fuel oil consumed on a monthly basis.

140 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.66551

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal **Combustion Engines**

What records must I keep?

The permittee shall keep records of when the following operational maintenance services were performed on the engine/generator associated with this source, to include the date and hour reading on the hour meter of the engine/generator:

- a. Change the oil filter every 500 hours of operation or annually, whichever comes first;
- b. Inspect the air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as needed.

[40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6655]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal **Combustion Engines**

What records must I keep?

- a. The permittee shall keep records of the hours of operation, with a non-resettable hour meter, for this source monthly and on a 12-month rolling sum.
- b. The hours of operation records shall indicate how many hours are spent for emergency operation, non-emergency operation, demand response, maintenance and readiness testing.
- c. The permittee shall keep records of the notification of the emergency situation, the date, start time and end time of the engine if the engine is used for demand response operation.

[Compliance with this condition assures compliance with 40 C.F.R. 63 § 63.6655(f)]

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).



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SECTION D. Source Level Requirements

VI. WORK PRACTICE REQUIREMENTS.

009 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6603]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What emission limitations, operating limitations, and other requirements must I meet if I own or operate an existing stationary RICE located at an area source of HAP emissions?

The permittee shall perform the following operational maintenance services on this source:

- a. Change the oil filter every 500 hours of operation or annually, whichever comes first;
- b. Inspect the air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as needed.

[Compliance with this condition assures compliance with 40 C.F.R. 63 § 63.6603(a)]

010 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

[Additional Authority for this permit condition is also derived from 40 C.F.R. § 63.6625(h)]

The permittee shall limit the engine's time spent at idle during startup and limit the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.

011 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

[Additional authority for this condition is also derived from 40 C.F.R. § 63.6625(f)]

The permittee shall operate and maintain a non-resettable hour meter on this generator.

012 [40 CFR Part 63 NESHAPS for Source Categories §40 CFR 63.6625]

Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

What are my monitoring, installation, operation, and maintenance requirements?

[Additional Authority for this permit condition is also derived from 40 C.F.R. § 63.6605 and 63.6625(e)]

- a. The permittee shall at all times, operate and maintain this source in accordance with the manufacturer's specifications and in a manner consistent with safety and good air pollution control practices.
- b. The permittee may develop their own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engines in a manner consistent with good air pollution control practice for minimizing emissions.

VII. ADDITIONAL REQUIREMENTS.

013 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source ID (103) consists of a diesel fired emergency generator manufactured by Cummins Power Generation. The emergency generator is rated at 250 kW (395 hp).







Source ID: 201 Source Name: DRUM ROOMS (3: SOLV, USP, ACID)

Source Capacity/Throughput: 4,680.000 Gal/HR ORG LIQ/CORROS/H2O2

PROC STAC S04

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the drum rooms associated with this Source ID, the permittee shall monitor the following parameters monthly:

- (a) The following for each chemical processed:
 - (1) The name and type of the chemical.
 - (2) The amount of the chemical.
 - (3) The designation of the storage tank in which the chemical was stored, where applicable.
- (b) The VOC and HAP loading loss emissions from drumming, monthly and on a 12-month rolling sum, calculated using a Department-approved method.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the drum rooms associated with this Source ID, the permittee shall keep records of the following parameters monthly:

- (a) The following for each chemical processed:
- (1) The name and type of the chemical.
- (2) The amount of the chemical.
- (3) The designation of the storage tank in which the chemical was stored, where applicable.
- (b) The VOC and HAP loading loss emissions from drumming, monthly and on a 12-month rolling sum, calculated using a Department-approved method.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the manufacturer's specifications for the operation and maintenance of the filling equipment in each of the drum rooms associated with this Source ID and any associated air pollution control device(s).





V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain the filling equipment in each of these drum rooms and their associated air pollution control device(s) in accordance with manufacturer's specifications as well as good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source grouping consists of three (3) drum rooms, each with a maximum rated throughput of 78 gal/min, and associated filling equipment:

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Drum Room Type Material Processed

Solvent Organic Liquid
USP Organic Liquid/Corrosives

Acid Corrosives







Source ID: 301 Source Name: TRANSFER STATIONS (6 SOLVENT/CORROSIVE)

> Source Capacity/Throughput: 9,360.000 Gal/HR ORG LIQ/CORROSIVES

PROC STAC 301 Z01

09-00106

RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the transfer stations associated with this Source ID, the permittee shall monitor the following parameters monthly:

- (a) The following for each chemical processed:
 - (1) The name and type of the chemical.
 - (2) The amount of the chemical.
 - (3) The designation of the storage tank in which the chemical was stored, where applicable.
- (b) The VOC and HAP loading loss emissions, monthly and on a 12-month rolling sum, calculated using a Departmentapproved method.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the manufacturer's specifications for the operation and maintenance of each of these transfer stations and any associated air pollution control device(s).

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For the transfer stations associated with this Source ID, the permittee shall keep records of the following parameters monthly:

- (a) The following for each chemical processed:
 - (1) The name and type of the chemical.
 - (2) The amount of the chemical.
 - (3) The designation of the storage tank in which the chemical was stored, where applicable.
- (b) The VOC and HAP loading loss emissions, monthly and on a 12-month rolling sum, calculated using a Departmentapproved method.







V. REPORTING REQUIREMENTS.

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No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain each of these transfer stations and their associated air pollution control device(s) in accordance with manufacturer's specifications as well as good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source group consists of six (6) solvent/corrosive transfer stations, each with a maximum rated throughput of 156 gal/min.







Source ID: 401 Source Name: SOLVENT BLEND TANK S-1

Source Capacity/Throughput: N/A ORGANIC LIQUID

PROC 401 STAC Z02

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For this solvent blend tank, the permittee shall monitor the following parameters monthly:

- (a) The following for each chemical processed:
 - (1) The name and type of the chemical.
 - (2) The amount of the chemical.
 - (3) The designation of the storage tank in which the chemical was stored, where applicable.
- (b) The VOC and HAP loading loss emissions, monthly and on a 12-month rolling sum, calculated using a Department-approved method.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

When this solvent blend tank is used as a storage tank, the permittee shall monitor the following parameters monthly and on a 12-month rolling sum:

- (a) The following for each chemical added, stored, and removed:
 - (1) The name and type of the chemical.
 - (2) The amount of the chemical.
 - (3) The true vapor pressure.
- (b) The VOC and HAP standing and working loss emissions, calculated using a Department-approved method.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the following:

(a). The manufacturer's specifications for the operation and maintenance of this storage tank and any associated air



pollution control devices.

(b). Certifications or manufacturer's specifications showing the pressure relief valve for this tank is set to release between 0.75 psig of pressure and 0.3 psig vacuum whenever the true vapor pressure of the formulation processed in this storage tank is greater than 1.5 psia.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

When this solvent blend tank is used as a storage tank, the permittee shall keep records of the following parameters monthly:

- (a) The following for each chemical added, stored, and removed:
 - (1) The name and type of the chemical.
 - (2) The amount of the chemical.
 - (3) The true vapor pressure.
- (b) The VOC and HAP standing and working loss emissions, monthly and on a 12-month rolling sum, calculated using a Department-approved method.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For this solvent blend tank, the permittee shall keep records of the following parameters monthly and on a 12-month rolling sum:

- (a) The following for each chemical processed:
 - (1) The name and type of the chemical.
 - (2) The amount of the chemical.
 - (3) The designation of the storage tank in which the chemical was stored, where applicable.
- (b) The VOC and HAP loading loss emissions, calculated using a Department-approved method.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.443.]

When used as a storage tank, the permittee shall ensure that, whenever the true vapor pressure of the formulation processed in this storage tank is greater than 1.5 psia, the pressure relief valve(s) for this solvent blend tank is set to release at no less than 0.75 psig of pressure and 0.3 psig of vacuum.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 129.57.]

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.







The permittee shall operate and maintain this solvent blend tank and its associated air pollution control device(s) in accordance with manufacturer's specifications as well as good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a 8,000-gallon, horizontal fixed roof solvent blend tank equipped with conservation vents.







Source ID: 402 Source Name: FIXED ROOF STORAGE TANKS (21)

Source Capacity/Throughput: N/A SEE CONDITION # 006

PROC STAC Z03

I. RESTRICTIONS.

No additional requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For each of the storage tanks associated with this Source ID, the permittee shall monitor the following parameters monthly:

- (a) The following for each chemical added, stored, and removed:
 - (1) The name and type of the chemical.
 - (2) The amount of the chemical.
 - (3) The true vapor pressure.
- (b) The VOC and HAP standing and working loss emissions, monthly and on a 12-month rolling sum, calculated using a Department-approved method.

IV. RECORDKEEPING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the following:

- (a). The manufacturer's specifications for the operation and maintenance of this storage tank and any associated air pollution control devices.
- (b). Certifications or manufacturer's specifications showing the pressure relief valve for this tank is set to release between 0.75 psig of pressure and 0.3 psig vacuum whenever the true vapor pressure of the chemical stored in the tanks is greater than 1.5 psia.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For each of the storage tanks associated with this Source ID, the permittee shall keep records of the following parameters monthly:

- (a) The following for each chemical added, stored, and removed:
- (1) The name and type of the chemical.





- (2) The amount of the chemical.
- (3) The true vapor pressure.
- (b) The VOC and HAP standing and working loss emissions, monthly and on a 12-month rolling sum, calculated using a Department-approved method.

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain each of the storage tanks associated with this Source ID, and their associated air pollution control devices in accordance with manufacturer's specifications as well as good air pollution control practices.

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code §§ 127.1 and 127.443.]

The permittee shall ensure that, whenever the true vapor pressure of the chemical(s) stored in any of these storage tanks is greater than 1.5 psia, the pressure relief valve(s) for the applicable storage tank(s) is set to release at no less than 0.75 psig of pressure and 0.3 psig of vacuum.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 129.57.]

VII. ADDITIONAL REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source grouping consists of 21 fixed roof storage tanks, each equipped with conservation vents. These tanks are not subject to 40 C.F.R. subpart Kb because the storage vessels capacities are less than 75 cubic meters (10,566 gal) and/or the storage vessels have a capacity between 75 cubic meters and 151 cubic meters (19,812 gal) storing liquid with a maximum true vapor pressure less than 15 kPa:

Designation	Capacity	Chemical Stored
C-1	10,576 gal	Organic Liquid
S-2	10,576 gal	Organic Liquid
S-3	10,576 gal	Organic Liquid
S-4	20,730 gal	Organic Liquid
S-6	4,700 gal	Organic Liquid
S-7	9,500 gal	Organic Liquid
S-8	4,000 gal	Organic Liquid
S-9	4,000 gal	Organic Liquid
S-10	4,000 gal	Organic Liquid
S-11	4,000 gal	Organic Liquid
S-12	4,000 gal	Organic Liquid
S-13	4,000 gal	Organic Liquid
S-14	12,000 gal	Organic Liquid
S-15	12,000 gal	Organic Liquid
S-16	12,000 gal	Organic Liquid
S-17	4,000 gal	Organic Liquid







S-18	4,000 gal	Organic Liquid
S-19	4,000 gal	Organic Liquid
S-20	4,000 gal	Organic Liquid
S-21	4,000 gal	Organic Liquid
S-22	4,000 gal	Organic Liquid







Source ID: 403 Source Name: VERTICAL FIXED ROOF STORAGE TANK (ID-S5)

> Source Capacity/Throughput: N/A ORGANIC LIQ WITH TRUE VP < 2

PROC STAC Z04 403

RESTRICTIONS.

Throughput Restriction(s).

001 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall only store chemicals in this tank with a true vapor pressure less than 27.6 kiloPascals (equivalent to 4 psi).

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

III. MONITORING REQUIREMENTS.

002 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For this storage tank, the permittee shall monitor the following parameters monthly:

- (a) The amount of organic liquid added, stored, and removed.
- (b) The true vapor pressure of the material stored in the tank.
- (c) The VOC and HAP standing and working loss emissions, monthly and on a 12-month rolling sum, calculated using a Department-approved method.

IV. RECORDKEEPING REQUIREMENTS.

003 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep readily accessible records showing the dimensions of the storage vessel and an analysis showing the capacity of the storage vessel.

[Compliance with this condition assures compliance with 40 C.F.R. § 60.116b(c)]

004 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall keep records of the following:

- (a). The manufacturer's specifications for the operation and maintenance of this storage tank and any associated air pollution control devices.
- (b). Certifications or manufacturer's specifications showing the pressure relief valve for this tank is set to release between 0.75 psig of pressure and 0.3 psig vacuum whenever the true vapor pressure of the methanol / organic liquid stored in this tank is greater than 1.5 psia.



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SECTION D. Source Level Requirements

005 [25 Pa. Code §127.441]

Operating permit terms and conditions.

For this storage tank, the permittee shall keep records of the following parameters monthly:

- (a) The amount of organic liquid added, stored, and removed. For organic liquids with a true vapor pressure greater than 15 Kpa, the period of storage (duration) shall be recorded.
 - (b) The true vapor pressure of the material stored in the tank.
- (c) The VOC and HAP standing and working loss emissions, monthly and on a 12-month rolling sum, calculated using a Department-approved method.

[Compliance with condition (a) above assure compliance with 40 C.F.R. § 60.116b(c)]

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this permit including Section B (State Only General Requirements).

VI. WORK PRACTICE REQUIREMENTS.

006 [25 Pa. Code §127.441]

Operating permit terms and conditions.

[Additional authority for this permit condition is also derived from 25 Pa. Code § 127.1.]

The permittee shall have a pressure relief valve which is maintained in good operating condition and is set to release at no less than 0.75 psig of pressure and 0.3 psig of vacuum whenever the true vapor pressure of the organic liquid stored in this storage tank is greater than 1.5 psia.

[Compliance with this streamlined permit condition assures compliance with 25 Pa. Code § 129.57.]

007 [25 Pa. Code §127.441]

Operating permit terms and conditions.

The permittee shall operate and maintain this storage tank and its associated air pollution control device(s) in accordance with manufacturer's specifications as well as good air pollution control practices.

VII. ADDITIONAL REQUIREMENTS.

008 [25 Pa. Code §127.441]

Operating permit terms and conditions.

This source consists of a 20,730-gallon, vertical fixed roof, organic liquid storage tank equipped with conservation vents.





SECTION E. Alternative Operation Requirements.

No Alternative Operations exist for this State Only facility.







SECTION F. Emission Restriction Summary.

Source Id	Source Desc	criptior		
103	CUMMINS EMERGENCY GENERATOR			
Emission Limit			Pollutant	
500.000	PPMV	Dry Basis	SOX	

Site Emission Restriction Summary

Emission Limit		Pollutant
24.900 Tons/Yr	12-Month Rolling Sum, Calculated Monthly; Total	VOC
9.900 Tons/Yr	12-Month Rolling Sum, Calculated Monthly; Individual	Hazardous Air Pollutants
24.900 Tons/Yr	12-Month Rolling Sum, Calculated Monthly; Total	Hazardous Air Pollutants
24.900 Tons/Yr	12-Month Rolling Sum, Calculated Monthly; Total	NOX





SECTION G. Miscellaneous.

- (a) The plant address is: 200 Dean Sievers Place, Morrisville, PA 19067.
- (b) The following previously issued documents serve as the basis for certain terms and conditions set forth in this permit:
 - (1) Plan Approval No. PA-09-0106.
 - (2) General Plan Approval and General Operating Permit No. 09-312-030GP.
 - (3) General Plan Approval and General Operating Permit No. 09-312-031GP.
 - (4) General Plan Approval and General Operating Permit No. 09-312-032GP.
 - (5) General Plan Approval and General Operating Permit No. 09-312-035GP.
 - (6) General Plan Approval and General Operating Permit No. 09-312-036GP.
 - (7) Request for Determination of Requirement for Plan Approval/Operating Permit (RFD) No. 09-A01-963.
- (c) The following sources have been determined by the Department to be insignificant sources of air emissions, and therefore do not require additional limitations, monitoring, or recordkeeping. They are still subject to any applicable Federal, State, and Local Regulations that may apply, including the Site Level Requirements (Section C) of this permit.
 - (1) Natural Gas Pipeline (Source ID FML01).
 - (2) 500-gallon Diesel Fuel Tank (Source ID FML02).
 - (3) 3,900-gallon Propane Tank (Source ID FML04).
 - (4) 831-gallon Diesel Fuel Tank (Source ID FML05).
 - (5) Waste Collection Tank.
 - (6) Deionized Water Tank.
 - (7) Process Water Tank T-1.
 - (8) Storage Tank C-2 (Non-VOC, Non-HAP).
 - (9) 50% Caustic Soda Storage Tank C-3.
 - (10) <50% Caustic Soda Storage Tank C-4.
 - (11) Pumps and Valves.
- (d) This permit is a Minor Modification to State Only Operating Permit No. SMOP-09-00106, originally issued on May 28, 2004 (APS 470335, Auth ID 486853). This Minor Modification (APS: 470335, Auth ID: 576157) incorporates the RFD identified in (b)(7), above, into SMOP-09-00106, and replaces the previously permitted emergency generator (Source ID 101). The following is a summary of the changes to this permit:
 - (1) Source ID 031, 102, FML02, FML04, S01, and S03 have been renamed to provide clarification.
- (2) The following source, fuel material location, and emission point, along with corresponding source throughputs, permit map, compliance schedule, conditions, and emission restrictions, have been removed:

Source ID Description

101 Emergency Generator
FML03 Emergency Generator Diesel Fuel Tank





SECTION G. Miscellaneous.

S02 Emergency Generator Stack

(3) The following source, fuel material location, and emission point, along with corresponding source throughputs, permit map, conditions, and emission restrictions, have been added:

Source ID Description

103 Cummins Emergency Generator
FML05 Cummins Emergency Gen Diesel Fuel Tank
S05 Cummins Emergency Generator Stack

- (4) The accidental release program/RMP requirement, as specified in Condition # 019, Section C, of this permit, has been added.
- (5) The Department telephone number at which to report a malfunction(s), as indicated in Condition # 020(a), Section C, of this permit, has been changed to 484-250-5920.

APS: 470335 AUTH: 758615

This Operating Permit has been renewed.

The Information in Section A is for informational purposes only.

The following sources have been determined by the Department to be insignificant sources, and therefore, do not require additional limitations, monitoring, or recordkeeping. They are still subject to any applicable Federal, State, and Local Regulations that may apply, including the site level requirements (Section C) of this permit:

- -Kewanee Boiler rated at 6.3 MMBTU/HR burning natural gas and propane as a back-up. The permittee shall still calculate and record the emission calculations for this boiler.
- -Detroit Diesel Fire Pump rated at 265 hp, burning diesel fuel. The fire pump is limited to less than 500 hours per year calculated on a 12-month rolling sum. Records shall be kept to demonstrate compliance with this limit. (Renewal 2014, this source has been added to Section D of the permit as Source ID 102.)

APS: 470335 AUTH: 1008683

This Operating Permit has been renewed.

Applicable condtions from 40 C.F.R. 63 Subpart ZZZZ have been added to Source ID 103 (Cummins Emergency Generator) and Source ID 102 (Detroit Diesel Fire Pump).

The following sources have been determined by the Department to be insignificant sources, and therefore, do not require additional limitations, monitoring, or recordkeeping. They are still subject to any applicable Federal, State and Local Regulations that may apply, including the site level requirments (Section C) of the permit:

- Natural gas fired heaters (Total rated capacity, worst case, 10 MMBTU/HR)
- Bench Scale Laboratory Equipment.

The facility has a spare blend tank (S1) located on site. The tank is not in use and is not connected to anything.

APS: 470335 AUTH: 1250000

This Operating Permit has been renewed.

Source ID 402 (Fixed Roof Storage Tanks (22)) name was changed to Fixed Roof Storage Tanks (21). Tank S-23 was never installed and Univar has no plans to install the tank, the tank has been removed from the permit.

Source ID 403 (Vertical Fixed Roof Storage Tank, S-5). All references to methanol have been removed as the tank does not store



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SECTION G. Miscellaneous.

any chemical with methanol. The following limitation was added to the Source: Only a chemical with a true vapor pressure of less than 27.6 kpa (equivalent to 4.0psi) can be stored in this tank.

APS: 470335 AUTH: 1286757

This AUTH was for Name Change from Univar USA Inc to Univar Solutions USA Inc.



***** End of Report *****