



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

PLAN APPROVAL

Issue Date:

Effective Date:

Expiration Date:

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 construct, install, modify or reactivate 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 plan approval. Nothing in this plan approval 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 plan approval condition is set forth in brackets. All terms and conditions in this permit are federally enforceable unless otherwise designated as "State-Only" requirements.

Plan Approval No. 49-00069A

Federal Tax Id - Plant Code: 81-1267194-1

Owner Information

Name: ENCINA FORT UNION LLC
Mailing Address: 1095 EVERGREEN CIRCLE
SUITE 510
WOODLANDS, TX 77380

Plant Information

Plant: ENCINA FORT UNION LLC/POINT TWP FAC
Location: 49 Northumberland County 49922 Point Township
SIC Code: 2869 Manufacturing - Industrial Organic Chemicals, Nec

Responsible Official

Name: SHEIDA SAHANDY
Title: CHIEF SUSTAINABILITY OFF
Phone: (206) 375 - 1277 Email: ssahandy@encina.com

Plan Approval Contact Person

Name: MICHAEL MARR
Title: DIR OF GOVT REL & COMP
Phone: (412) 953 - 4684 Email: mmarr@encina.com

[Signature] _____

MUHAMMAD Q. ZAMAN, ENVIRONMENTAL PROGRAM MANAGER, NORTHCENTRAL REGION



Plan Approval Description

Plan Approval 49-00069A is for the construction of air emissions sources associated with a new plastics sorting operation at the proposed Point Township Circular Manufacturing Facility to be located in Point Township, Northumberland County. The air emissions sources include a diesel-fired emergency generator, two diesel-fired fire pumps, and fugitive dust emissions from facility roadways.



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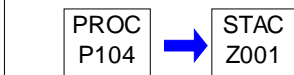
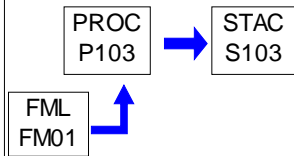
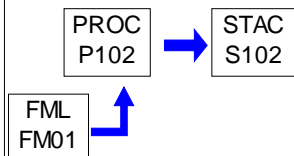
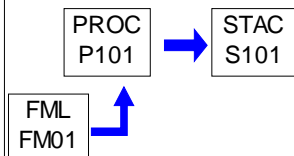
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Source ID	Source Name	Capacity/Throughput	Fuel/Material
P101	1676 BHP CAT C32 EMERGENCY GEN ENG		
P102	315 BHP CLARKE UFAD98 FIRE PUMP ENG #1		
P103	315 BHP CLARKE UFAD98 FIRE PUMP ENG #2		
P104	FACILITY ROADWAYS		
FM01	DIESEL FUEL		
S101	EMERGENCY GENERATOR STACK		
S102	FIRE PUMP STACK #1		
S103	FIRE PUMP STACK #2		
Z001	FUGITIVE EMISSIONS		

PERMIT MAPS

**SECTION B. General Plan Approval Requirements****#001 [25 Pa. Code § 121.1]****Definitions**

Words and terms that are not otherwise defined in this plan approval 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 § 127.12b (a) (b)]**Future Adoption of Requirements**

The issuance of this plan approval does not prevent the future adoption by the Department of any rules, regulations or standards, or the issuance of orders necessary to comply with the requirements of the Federal Clean Air Act or the Pennsylvania Air Pollution Control Act, or to achieve or maintain ambient air quality standards. The issuance of this plan approval shall not be construed to limit the Department's enforcement authority.

#003 [25 Pa. Code § 127.12b]**Plan Approval Temporary Operation**

This plan approval authorizes temporary operation of the source(s) covered by this plan approval provided the following conditions are met.

(a) When construction, installation, modification, or reactivation is being conducted, the permittee shall provide written notice to the Department of the completion of the activity approved by this plan approval and the permittee's intent to commence operation at least five (5) working days prior to the completion of said activity. The notice shall state when the activity will be completed and when the permittee expects to commence operation. When the activity involves multiple sources on different time schedules, notice is required for the commencement of operation of each source.

(b) Pursuant to 25 Pa. Code § 127.12b (d), temporary operation of the source(s) is authorized to facilitate the shakedown of sources and air cleaning devices, to permit operations pending the issuance of a permit under 25 Pa. Code Chapter 127, Subchapter F (relating to operating permits) or Subchapter G (relating to Title V operating permits) or to permit the evaluation of the air contaminant aspects of the source.

(c) This plan approval authorizes a temporary operation period not to exceed 180 days from the date of commencement of operation, provided the Department receives notice from the permittee pursuant to paragraph (a), above.

(d) The permittee may request an extension of the 180-day shakedown period if further evaluation of the air contamination aspects of the source(s) is necessary. The request for an extension shall be submitted, in writing, to the Department at least 30 days prior to the end of the initial 180-day shakedown period and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established. This temporary operation period will be valid for a limited time and may be extended for additional limited periods, each not to exceed 180 days.

(e) The notice submitted by the permittee pursuant to subpart (a) above, prior to the expiration of the plan approval, shall modify the plan approval expiration date on Page 1 of this plan approval. The new plan approval expiration date shall be 180 days from the date of commencement of operation.

#004 [25 Pa. Code § 127.12(a) (10)]**Content of Applications**

The permittee shall maintain and operate the sources and associated air cleaning devices in accordance with good engineering practice as described in the plan approval application submitted to the Department.

#005 [25 Pa. Code §§ 127.12(c) and (d) & 35 P.S. § 4013.2]**Public Records and Confidential Information**

(a) The records, reports or information obtained by the Department or referred to at public hearings shall be available to the public, except as provided in paragraph (b) of this condition.

(b) Upon cause shown by the permittee that the records, reports or information, or a particular portion thereof, but not emission data, to which the Department has access under the act, if made public, would divulge production or sales figures or methods, processes or production unique to that person or would otherwise tend to affect adversely the

**SECTION B. General Plan Approval Requirements**

competitive position of that person by revealing trade secrets, including intellectual property rights, the Department will consider the record, report or information, or particular portion thereof confidential in the administration of the act. The Department will implement this section consistent with sections 112(d) and 114(c) of the Clean Air Act (42 U.S.C.A. § § 7412(d) and 7414(c)). Nothing in this section prevents disclosure of the report, record or information to Federal, State or local representatives as necessary for purposes of administration of Federal, State or local air pollution control laws, or when relevant in a proceeding under the act.

#006 [25 Pa. Code § 127.12b]**Plan Approval terms and conditions.**

[Additional authority for this condition is derived from 25 Pa. Code Section 127.13]

(a) This plan approval will be valid for a limited time, as specified by the expiration date contained on Page 1 of this plan approval. Except as provided in § § 127.11a and 127.215 (relating to reactivation of sources; and reactivation), at the end of the time, if the construction, modification, reactivation or installation has not been completed, a new plan approval application or an extension of the previous approval will be required.

(b) If construction has commenced, but cannot be completed before the expiration of this plan approval, an extension of the plan approval must be obtained to continue construction. To allow adequate time for departmental action, a request for the extension shall be postmarked at least thirty (30) days prior to the expiration date. The request for an extension shall include the following:

- (i) A justification for the extension,
- (ii) A schedule for the completion of the construction

If construction has not commenced before the expiration of this plan approval, then a new plan approval application must be submitted and approval obtained before construction can commence.

(c) If the construction, modification or installation is not commenced within 18 months of the issuance of this plan approval or if there is more than an 18-month lapse in construction, modification or installation, a new plan approval application that meets the requirements of 25 Pa. Code Chapter 127, Subchapter B (related to plan approval requirements), Subchapter D (related to prevention of significant deterioration of air quality), and Subchapter E (related to new source review) shall be submitted. The Department may extend the 18-month period upon a satisfactory showing that an extension is justified.

#007 [25 Pa. Code § 127.32]**Transfer of Plan Approvals**

(a) This plan approval may not be transferred from one person to another except when a change of ownership is demonstrated to the satisfaction of the Department and the Department approves the transfer of the plan approval in writing.

(b) Section 127.12a (relating to compliance review) applies to a request for transfer of a plan approval. A compliance review form shall accompany the request.

(c) This plan approval is valid only for the specific source and the specific location of the source as described in the application.

#008 [25 Pa. Code § 127.12(4) & 35 P.S. § 4008 & § 114 of the CAA]**Inspection and Entry**

(a) 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.

(b) The permittee shall also allow the Department to have access at reasonable times to said sources and associated air cleaning devices with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act and regulations adopted under the act.

**SECTION B. General Plan Approval Requirements**

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

#009 [25 Pa. Code 127.13a]**Plan Approval Changes for Cause**

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

- (a) The permittee constructs or operates the source subject to the plan approval in violation of the act, the Clean Air Act, the regulations promulgated under the act or the Clean Air Act, a plan approval or permit or in a manner that causes air pollution.
- (b) 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.
- (c) The permittee fails to submit a report required by this plan approval.
- (d) The Environmental Protection Agency determines that this plan approval is not in compliance with the Clean Air Act or the regulations thereunder.

#010 [25 Pa. Code §§ 121.9 & 127.216]**Circumvention**

- (a) The permittee, 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 plan approval, 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.

#011 [25 Pa. Code § 127.12c]**Submissions**

Reports, test data, monitoring data, notifications shall be submitted to the:

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

#012 [25 Pa. Code § 127.12(9) & 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 facility. The permittee shall submit the RMP to the Environmental Protection Agency according to the following schedule and requirements:
 - (1) The permittee shall submit the first RMP to a central point specified by the Environmental Protection Agency no later than the latest of the following:

**SECTION B. General Plan Approval Requirements**

- (i) Three years after the date on which a regulated substance is first listed under § 68.130; or,
- (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 the Environmental Protection Agency 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 plan approval 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.

#013 [25 Pa. Code § 127.25]**Compliance Requirement**

A person may not cause or permit the operation of a source subject to § 127.11 (relating to plan approval requirements), unless the source and air cleaning devices identified in the application for the plan approval and the plan approval issued to the source, are operated and maintained in accordance with specifications in the application and conditions in the plan approval issued by the Department. A person may not cause or permit the operation of an air contamination source subject to this chapter in a manner inconsistent with good operating practices.

**SECTION C. Site Level Plan Approval Requirements****I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

No person may permit the emission into the outdoor atmosphere of fugitive air contaminants 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) Sources and classes of sources other than those identified above, for which the permittee has obtained a determination from the Department that fugitive emissions from the source, after appropriate control, meet the following requirements:
 - (a) The emissions are of minor significance with respect to causing air pollution.
 - (b) The emissions are not preventing or interfering with the attainment or maintenance of any ambient air quality standard.

002 [25 Pa. Code §123.2]**Fugitive particulate matter**

No person may permit fugitive particulate matter to be emitted into the outdoor atmosphere from a source specified in condition #001 above if the emissions are visible at the point the emissions pass outside the person's property.

003 [25 Pa. Code §123.41]**Limitations**

No person may 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.

004 [25 Pa. Code §123.42]**Exceptions**

The emission limitations of 25 Pa Code Section 123.41 shall not apply when:

- (1) The presence of uncombined water is the only reason for failure of the emission to meet the limitations;
- (2) The emission results from the operation of equipment used solely to train and test persons in observing the opacity of visible emissions;
- (3) The emissions results from sources specified in 25 Pa Code Section 123.1(a)(1)-(9).

Fuel Restriction(s).**# 005 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 25 Pa. Code Section 123.22(a)(2)]

The sulfur content of the #2 fuel oil used at this facility shall not exceed 0.0015% sulfur by weight.

**SECTION C. Site Level Plan Approval Requirements****II. TESTING REQUIREMENTS.****# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) Pursuant to 25 Pa. Code § 139.3, at least 90 calendar days prior to commencing an EPA reference method testing program, a test protocol shall be submitted to the Department for review and approval. The test protocol shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(b) Pursuant to 25 Pa. Code § 139.3, at least 15 calendar days prior to commencing an emission testing program, notification as to the date and time of testing shall be given to the appropriate Regional Office. Notification shall also be sent to the Division of Source Testing and Monitoring. Notification shall not be made without prior receipt of a protocol acceptance letter from the Department.

(c) Pursuant to 40 CFR § 60.8(a), 40 CFR § 61.13(f) and 40 CFR § 63.7(g), complete test reports shall be submitted to the Department no later than 60 calendar days after completion of the on-site testing portion of an EPA reference method test program.

(d) Pursuant to 25 Pa. Code § 139.53(b) a complete test report shall include a summary of the emission results on the first page of the report indicating if each pollutant measured is within permitted limits and a statement of compliance or noncompliance with all applicable permit conditions. The summary results will include, at a minimum, the following information:

1. A statement that the owner or operator has reviewed the report from the emissions testing body and agrees with the findings.
2. Permit number(s) and condition(s) which are the basis for the evaluation.
3. Summary of results with respect to each applicable permit condition.
4. Statement of compliance or non-compliance with each applicable permit condition.

(e) Pursuant to 25 Pa. Code § 139.3, all submittals shall meet all applicable requirements specified in the most current version of the Department's Source Testing Manual.

(f) All testing shall be performed in accordance with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection.

(g) Pursuant to 25 Pa. Code § § 139.53(a)(1) and 139.53(a)(3), electronic copies of all submittals, besides notifications, shall be sent to the Northcentral Regional Office Air Quality Program Manager, with deadlines verified. In addition, an electronic copy shall be sent to the PSIMS Administrator in Central Office. Email addresses are provided on the PA DEP website.

(h) The permittee shall ensure all federal reporting requirements contained in the applicable subpart of 40 CFR are followed, including timelines more stringent than those contained herein. In the event of an inconsistency or any conflicting requirements between state and the federal, the most stringent provision, term, condition, method or rule shall be used by default.

007 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall perform tests or provide a fuel certification report of the percent sulfur by weight of each delivery of the #2 fuel oil delivered to the facility,

OR

The permittee shall keep records of fuel certification reports obtained yearly from the #2 fuel oil supplier stating that the sulfur percentage for each shipment of fuel delivered to the facility during the year shall not exceed 0.0015% sulfur by weight.

All testing and fuel certification reports shall be in accordance with the provisions of 25 Pa. Code Chapter 139.

**SECTION C. Site Level Plan Approval Requirements****# 008 [25 Pa. Code §139.1]****Sampling facilities.**

Upon the request of the Department, the person responsible for a source shall provide adequate sampling ports, safe sampling platforms and adequate utilities for the performance by the Department of tests on such source. The Department will set forth, in the request, the time period in which the facilities shall be provided as well as the specifications for such facilities.

009 [25 Pa. Code §139.11]**General requirements.**

(a) As specified in 25 Pa. Code Section 139.11(1), performance tests shall be conducted while the source is operating at maximum routine operating conditions or under such other conditions, within the capacity of the equipment, as may be requested by the Department.

(b) As specified in 25 Pa.. Code Section 139.11(2), the Department will consider test results for approval where sufficient information is provided to verify the source conditions existing at the time of the test and where adequate data is available to show the manner in which the test was conducted. Information submitted to the Department shall include, as a minimum all of the following:

- (1) A thorough source description, including a description of any air cleaning devices and the flue.
- (2) Process conditions, for example, the charging rate of raw materials or the rate of production of final product, boiler pressure, oven temperature and other conditions which may effect emissions from the process.
- (3) The location of sampling ports.
- (4) Effluent characteristics, including velocity, temperature, moisture content, gas density (percentage CO, CO₂, O₂ and N₂), static and barometric pressures.
- (5) Sample collection techniques employed, including procedures used, equipment descriptions and data to verify that isokinetic sampling for particulate matter collection occurred and that acceptable test conditions were met.
- (6) Laboratory procedures and results.
- (7) Calculated results.

III. MONITORING REQUIREMENTS.**# 010 [25 Pa. Code §123.43]****Measuring techniques**

Visible emissions 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.

011 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

(a) The permittee shall conduct a daily inspection of the facility during daylight hours while the facility is operating, including facility roadways, in order to detect visible emissions, visible fugitive emissions and malodors. Daily inspections are necessary to determine:

- (1) the presence of visible emissions.
- (2) the presence of visible fugitive emissions.
- (3) the presence of malodors beyond the facility's property boundaries.

**SECTION C. Site Level Plan Approval Requirements**

(4) the presence of dirt or other debris on facility roadways.

(b) All detected visible emissions, visible fugitive emissions, malodors, or roadway debris shall be reported to the manager of the facility.

IV. RECORDKEEPING REQUIREMENTS.**# 012 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

(a) The permittee shall keep records of tests or fuel certification reports of the percent sulfur by weight for each delivery of the #2 fuel oil delivered to the facility,

OR

the permittee shall keep records of fuel certification reports obtained yearly from the #2 fuel oil supplier containing the name of the fuel oil supplier and stating that the sulfur percentage for each shipment of #2 fuel oil delivered to the facility during the year shall not exceed 0.0015% sulfur by weight.

(b) The above records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

013 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall maintain a logbook of daily inspections for recording instances of visible emissions, visible fugitive emissions, malodorous air emissions, and roadway debris, as well as the name of the company representative monitoring these instances, and the date and time of each occurrence. The permittee shall also record the corrective action(s) taken to abate each recorded deviation or to prevent future occurrences.

These records shall be retained for a minimum of 5 years and shall be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 014 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Upon request by the Department, the permittee shall submit all requested reports in accordance with the Department's suggested format.

015 [25 Pa. Code §127.442]**Reporting requirements.**

Malfunctions, Emergencies or Incidents of Excess Emissions

(a) The permittee shall report malfunctions, emergencies or incidents of excess emissions to the Department. 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. An emergency is any situation arising from sudden and reasonably unforeseeable events beyond the control of the owner or operator of a facility which requires immediate corrective action to restore normal operation and which causes the emission source to exceed emissions, due to unavoidable increases in emissions attributable to the situation. An emergency shall not include situations caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

(b) When the malfunction, emergency or incident of excess emissions poses an imminent danger to the public health, safety, welfare, or environment, it shall be reported to the Department and the County Emergency Management Agency by telephone within one (1) hour after the discovery of the malfunction, emergency or incident of excess emissions. The owner or operator shall submit a written or emailed report of instances of such malfunctions, emergencies or incidents of excess emissions to the Department within three (3) business days of the telephone report.

(c) The report shall describe the following:

1. name, permit or authorization number, and location of the facility,
2. nature and cause of the malfunction, emergency or incident,

**SECTION C. Site Level Plan Approval Requirements**

3. date and time when the malfunction, emergency or incident was first observed,
4. expected duration of excess emissions,
5. estimated rate of emissions,
6. corrective actions or preventative measures taken.

(d) Any malfunction, emergency or incident of excess emissions that is not subject to the notice requirements of paragraph (b) of this condition shall be reported to the Department by telephone within 24 hours (or by 4:00 PM of the next business day, whichever is later) of discovery and in writing or by e-mail within five (5) business days of discovery. The report shall contain the same information required by paragraph (c), and any permit specific malfunction reporting requirements.

(e) During an emergency an owner or operator may continue to operate the source at their discretion provided they submit justification for continued operation of a source during the emergency and follow all the notification and reporting requirements in accordance with paragraphs (b)-(d), as applicable, including any permit specific malfunction reporting requirements.

(f) Reports regarding malfunctions, emergencies or incidents of excess emissions shall be submitted to the appropriate DEP Regional Office Air Program Manager.

(g) Any emissions resulting from a malfunction or emergency are to be reported in the annual emissions inventory report.

VI. WORK PRACTICE REQUIREMENTS.**# 016 [25 Pa. Code §123.1]****Prohibition of certain fugitive emissions**

The permittee shall take all reasonable actions for any source specified in 25 Pa Code Section 123.1(a)(1-9) to prevent particulate matter from becoming airborne. These actions shall include, but 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, 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.**# 017 [25 Pa. Code §121.7]****Prohibition of air pollution.**

No person may permit air pollution as that term is defined in the Air Pollution Control Act (35 P.S. §§ 4001-4015).

018 [25 Pa. Code §123.31]**Limitations**

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

019 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

This plan approval 49-00069A authorizes the construction of a plastics sorting operation ("Phase 1") at the Point Township Circular Manufacturing Facility. The proposed petrochemical processing operation identified as "Phase 2" in the plan approval application and supplemental materials requires a separate Air Quality plan approval. The permittee shall not commence construction of any Phase 2 air emissions sources unless the Department has issued a plan approval specifically authorizing the construction of those sources.

**SECTION C. Site Level Plan Approval Requirements****# 020 [25 Pa. Code §129.14]****Open burning operations**

No person may permit the open burning of material at this facility unless in accordance with 25 Pa. Code Section 129.14.

VIII. COMPLIANCE CERTIFICATION.

No additional compliance certifications exist except as provided in other sections of this plan approval including Section B (relating to Plan Approval General Requirements).

IX. COMPLIANCE SCHEDULE.

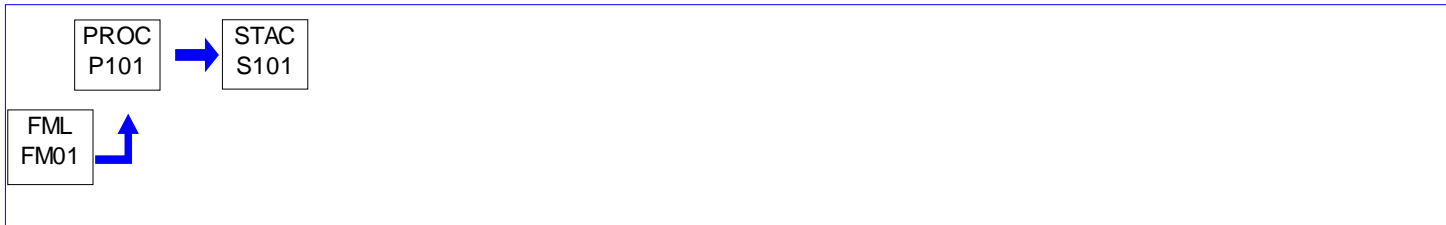
No compliance milestones exist.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: P101

Source Name: 1676 BHP CAT C32 EMERGENCY GEN ENG

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission of particulate matter from the engine associated with Source ID P101 into the outdoor atmosphere in a manner that the concentration in the engine's exhaust exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the engine associated with Source ID P101 in a manner that the concentration of the sulfur oxides in the engine's exhaust exceeds 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

[Compliance with this streamlined permit condition also assures compliance with the provisions of 40 CFR §60.4205(b)]

Pursuant to the best available technology provision of 25 Pa. Code Sections 127.1 and 127.12, the emissions from the diesel-fired engine associated with Source ID P101 shall not exceed:

- (a) Nitrogen Oxide and Non-methane Hydrocarbons (NO_x + NMHC) - 4.8 grams per horsepower-hour and 4.43 tons in any 12 consecutive month period.
- (b) Carbon Monoxide (CO) - 2.7 grams per horsepower-hour and 2.42 tons in any 12 consecutive month period.
- (c) Filterable Particulate Matter (FPM) - 0.15 grams per horsepower-hour and 0.14 tons in any 12 consecutive month period.

Fuel Restriction(s).**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

[Compliance with the requirements of this streamlined permit condition will assure compliance with the provisions of 40 CFR 1090.305]

All diesel fuel fired in Source ID P101 shall comply with the following per-gallon standards:

- (a) Sulfur content:
 - (i) 15 ppm maximum.
- (b) Cetane index or aromatic content, as follows:
 - (i) A minimum cetane index of 40; or

**SECTION D. Source Level Plan Approval Requirements**

(ii) A maximum aromatic content of 35 volume percent.

Operation Hours Restriction(s).**# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall operate Source ID P101 according to the requirements in paragraphs (1) through (3). Any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (1) through (3), is prohibited.

(1) There is no time limit on the use of Source ID P101 in emergency situations.

(2) The permittee may operate Source ID P101 for the purposes specified in paragraphs (2)(i) and (3) for a combined maximum of 100 hours per calendar year.

(i) Source ID P101 may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the Department for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of Source ID P101 beyond 100 hours per calendar year.

(3) Source ID P101 may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in paragraph (2). The 50 hours per year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR § 60.4209(a)]

A non-resettable hour meter shall be installed on Source ID P101 prior to startup of the source.

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR § 60.4214]

(a) The permittee shall create and maintain comprehensive and accurate records of the operation of Source ID P101 in emergency and non-emergency service that are recorded through a non-resettable hour meter. The permittee shall record the time of operation of Source ID P101 and the reason it was in operation during that time.

(b) The permittee shall create and maintain records of the emissions calculations demonstrating compliance with the 12-

**SECTION D. Source Level Plan Approval Requirements**

month rolling emission limits for Source ID P101. The permittee shall maintain records of the engine certification for Source ID P101 in order to demonstrate compliance with the short-term emission limits.

(c) The permittee shall create and maintain records of maintenance conducted on Source ID P101 conducted in accordance with the manufacturer's specifications and good air pollution control practice for minimizing emissions.

(d) These records shall be maintained for a minimum of 5 years and be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

008 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall submit the following information to the Department on an annual basis:

(a) The annual hours of operation for the engine included in Source ID P101. If the total operation of Source ID P101 in any calendar year exceeds 100 hours, the report shall also include the information regarding the specific times at which the source was operated and the reason for operating during that time.

(b) The emission totals for Source ID P101 on a 12-month rolling basis.

The annual report shall be submitted to the Department no later than March 1 for the preceding year.

VI. WORK PRACTICE REQUIREMENTS.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?

The permittee shall comply with the following for Source ID P101:

(1) Operate and maintain Source ID P101 according to the manufacturer's emission-related written instructions;

(2) Change only those emission-related settings that are permitted by the manufacturer; and

(3) Meet the applicable requirements of 40 CFR part 1068.

VII. ADDITIONAL REQUIREMENTS.

010 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The reciprocating internal combustion engine included in Source ID P101 is subject to 40 CFR Part 60 Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. The permittee shall comply with all applicable requirements of 40 CFR §§ 60.4200 - 60.4219 for Source ID P101.

011 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The reciprocating internal combustion engine included in Source ID P101 is subject to 40 CFR Part 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

Pursuant to 40 CFR §63.6590(c), the permittee shall comply with Subpart ZZZZ by meeting the requirements of 40 CFR Part 60 Subpart IIII. No further requirements apply for Source ID P101 under Subpart ZZZZ.

012 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Source ID P101 consists of one emergency generator powered by a Caterpillar model C32 1,676 bhp diesel-fired engine.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: P102

Source Name: 315 BHP CLARKE UFAD98 FIRE PUMP ENG #1

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission of particulate matter from the engine associated with Source ID P102 into the outdoor atmosphere in a manner that the concentration in the engine's exhaust exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the engine associated with Source ID P102 in a manner that the concentration of the sulfur oxides in the engine's exhaust exceeds 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

[Compliance with this streamlined permit condition also assures compliance with the provisions of 40 CFR §60.4205(c)]

Pursuant to the best available technology provision of 25 Pa. Code Sections 127.1 and 127.12, the emissions from the diesel-fired engine associated with Source ID P102 shall not exceed:

- (a) Nitrogen Oxide and Non-methane Hydrocarbons (NO_x + NMHC) - 3.0 grams per horsepower-hour and 0.52 tons in any 12 consecutive month period.
- (b) Carbon Monoxide (CO) - 2.7 grams per horsepower-hour and 0.46 tons in any 12 consecutive month period.
- (c) Filterable Particulate Matter (FPM) - 0.15 grams per horsepower-hour and 0.03 tons in any 12 consecutive month period.

Fuel Restriction(s).**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

[Compliance with the requirements of this streamlined permit condition will assure compliance with the provisions of 40 CFR 1090.305]

All diesel fuel fired in Source ID P102 shall comply with the following per-gallon standards:

- (a) Sulfur content:
 - (i) 15 ppm maximum.
- (b) Cetane index or aromatic content, as follows:
 - (i) A minimum cetane index of 40; or

**SECTION D. Source Level Plan Approval Requirements**

(ii) A maximum aromatic content of 35 volume percent.

Operation Hours Restriction(s).**# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall operate Source ID P102 according to the requirements in paragraphs (1) through (3). Any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (1) through (3), is prohibited.

(1) There is no time limit on the use of Source ID P102 in emergency situations.

(2) The permittee may operate Source ID P102 for the purposes specified in paragraphs (2)(i) and (3) for a combined maximum of 100 hours per calendar year.

(i) Source ID P102 may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the Department for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of Source ID P102 beyond 100 hours per calendar year.

(3) Source ID P102 may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in paragraph (2). The 50 hours per year for non-emergency situations cannot be used for peak shaving or nonemergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR § 60.4209(a)]

A non-resettable hour meter shall be installed on Source ID P102 prior to startup of the source.

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR § 60.4214]

(a) The permittee shall create and maintain comprehensive and accurate records of the operation of Source ID P102 in emergency and non-emergency service that are recorded through a non-resettable hour meter. The permittee shall record the time of operation of Source ID P102 and the reason it was in operation during that time.

(b) The permittee shall create and maintain records of the emissions calculations demonstrating compliance with the 12-

**SECTION D. Source Level Plan Approval Requirements**

month rolling emission limits for Source ID P102. The permittee shall maintain records of the engine certification for Source ID P102 in order to demonstrate compliance with the short-term emission limits.

(c) The permittee shall create and maintain records of maintenance conducted on Source ID P102 conducted in accordance with the manufacturer's specifications and good air pollution control practice for minimizing emissions.

(d) These records shall be maintained for a minimum of 5 years and be made available to the Department upon request.

V. REPORTING REQUIREMENTS.

008 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The permittee shall submit the following information to the Department on an annual basis:

(a) The annual hours of operation for the engine included in Source ID P102. If the total operation of Source ID P102 in any calendar year exceeds 100 hours, the report shall also include the information regarding the specific times at which the source was operated and the reason for operating during that time.

(b) The emission totals for Source ID P102 on a 12-month rolling basis.

The annual report shall be submitted to the Department no later than March 1 for the preceding year.

VI. WORK PRACTICE REQUIREMENTS.

009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]

Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines**What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall comply with the following for Source ID P102:

(1) Operate and maintain Source ID P102 according to the manufacturer's emission-related written instructions;

(2) Change only those emission-related settings that are permitted by the manufacturer; and

(3) Meet the applicable requirements of 40 CFR part 1068.

VII. ADDITIONAL REQUIREMENTS.

010 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The reciprocating internal combustion engine included in Source ID P102 is subject to 40 CFR Part 60 Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. The permittee shall comply with all applicable requirements of 40 CFR §§ 60.4200 - 60.4219 for Source ID P102.

011 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

The reciprocating internal combustion engine included in Source ID P102 is subject to 40 CFR Part 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

Pursuant to 40 CFR §63.6590(c), the permittee shall comply with Subpart ZZZZ by meeting the requirements of 40 CFR Part 60 Subpart IIII. No further requirements apply for Source ID P102 under Subpart ZZZZ.

012 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Source ID P102 consists of one fire pump powered by a Clarke model UFAD98 315 bhp diesel-fired engine.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: P103

Source Name: 315 BHP CLARKE UFAD98 FIRE PUMP ENG #2

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §123.13]****Processes**

No person may permit the emission of particulate matter from the engine associated with Source ID P103 into the outdoor atmosphere in a manner that the concentration in the engine's exhaust exceeds 0.04 grain per dry standard cubic foot.

002 [25 Pa. Code §123.21]**General**

No person may permit the emission into the outdoor atmosphere of sulfur oxides, expressed as SO₂, from the engine associated with Source ID P103 in a manner that the concentration of the sulfur oxides in the engine's exhaust exceeds 500 parts per million, by volume, dry basis.

003 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

[Compliance with this streamlined permit condition also assures compliance with the provisions of 40 CFR §60.4205(c)]

Pursuant to the best available technology provision of 25 Pa. Code Sections 127.1 and 127.12, the emissions from the diesel-fired engine associated with Source ID P103 shall not exceed:

- (a) Nitrogen Oxide and Non-methane Hydrocarbons (NO_x + NMHC) - 3.0 grams per horsepower-hour and 0.52 tons in any 12 consecutive month period.
- (b) Carbon Monoxide (CO) - 2.7 grams per horsepower-hour and 0.46 tons in any 12 consecutive month period.
- (c) Filterable Particulate Matter (FPM) - 0.15 grams per horsepower-hour and 0.03 tons in any 12 consecutive month period.

Fuel Restriction(s).**# 004 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4207]****Subpart III - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What fuel requirements must I meet if I am an owner or operator of a stationary CI internal combustion engine subject to**

[Compliance with the requirements of this streamlined permit condition will assure compliance with the provisions of 40 CFR 1090.305]

All diesel fuel fired in Source ID P103 shall comply with the following per-gallon standards:

- (a) Sulfur content:
 - (i) 15 ppm maximum.
- (b) Cetane index or aromatic content, as follows:
 - (i) A minimum cetane index of 40; or

**SECTION D. Source Level Plan Approval Requirements**

(ii) A maximum aromatic content of 35 volume percent.

Operation Hours Restriction(s).**# 005 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall operate Source ID P103 according to the requirements in paragraphs (1) through (3). Any operation other than emergency operation, maintenance and testing, emergency demand response, and operation in non-emergency situations for 50 hours per year, as described in paragraphs (1) through (3), is prohibited.

(1) There is no time limit on the use of Source ID P103 in emergency situations.

(2) The permittee may operate Source ID P103 for the purposes specified in paragraphs (2)(i) and (3) for a combined maximum of 100 hours per calendar year.

(i) Source ID P103 may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The permittee may petition the Department for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the permittee maintains records indicating that federal, state, or local standards require maintenance and testing of Source ID P103 beyond 100 hours per calendar year.

(3) Source ID P103 may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing provided in paragraph (2). The 50 hours per year for non-emergency situations cannot be used for peak shaving or nonemergency demand response, or to generate income for a facility to supply power to an electric grid or otherwise supply power as part of a financial arrangement with another entity.

II. TESTING REQUIREMENTS.

No additional testing requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

III. MONITORING REQUIREMENTS.**# 006 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR § 60.4209(a)]

A non-resettable hour meter shall be installed on Source ID P103 prior to startup of the source.

IV. RECORDKEEPING REQUIREMENTS.**# 007 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

[Additional authority for this permit condition is derived from 40 CFR § 60.4214]

(a) The permittee shall create and maintain comprehensive and accurate records of the operation of Source ID P103 in emergency and non-emergency service that are recorded through a non-resettable hour meter. The permittee shall record the time of operation of Source ID P103 and the reason it was in operation during that time.

(b) The permittee shall create and maintain records of the emissions calculations demonstrating compliance with the 12-

**SECTION D. Source Level Plan Approval Requirements**

month rolling emission limits for Source ID P103. The permittee shall maintain records of the engine certification for Source ID P103 in order to demonstrate compliance with the short-term emission limits.

(c) The permittee shall create and maintain records of maintenance conducted on Source ID P103 conducted in accordance with the manufacturer's specifications and good air pollution control practice for minimizing emissions.

(d) These records shall be maintained for a minimum of 5 years and be made available to the Department upon request.

V. REPORTING REQUIREMENTS.**# 008 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The permittee shall submit the following information to the Department on an annual basis:

(a) The annual hours of operation for the engine included in Source ID P103. If the total operation of Source ID P103 in any calendar year exceeds 100 hours, the report shall also include the information regarding the specific times at which the source was operated and the reason for operating during that time.

(b) The emission totals for Source ID P103 on a 12-month rolling basis.

The annual report shall be submitted to the Department no later than March 1 for the preceding year.

VI. WORK PRACTICE REQUIREMENTS.**# 009 [40 CFR Part 60 Standards of Performance for New Stationary Sources §40 CFR 60.4211]****Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines****What are my compliance requirements if I am an owner or operator of a stationary CI internal combustion engine?**

The permittee shall comply with the following for Source ID P103:

(1) Operate and maintain Source ID P103 according to the manufacturer's emission-related written instructions;

(2) Change only those emission-related settings that are permitted by the manufacturer; and

(3) Meet the applicable requirements of 40 CFR parts 89, 94 and/or 1068.

VII. ADDITIONAL REQUIREMENTS.**# 010 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The reciprocating internal combustion engine included in Source ID P103 is subject to 40 CFR Part 60 Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. The permittee shall comply with all applicable requirements of 40 CFR §§ 60.4200 - 60.4219 for Source ID P103.

011 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The reciprocating internal combustion engine included in Source ID P103 is subject to 40 CFR Part 63 Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

Pursuant to 40 CFR §63.6590(c), the permittee shall comply with Subpart ZZZZ by meeting the requirements of 40 CFR Part 60 Subpart IIII. No further requirements apply for Source ID P103 under Subpart ZZZZ.

012 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

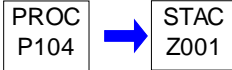
Source ID P103 consists of one fire pump powered by a Clarke model UFAD98 315 bhp diesel-fired engine.

**SECTION D. Source Level Plan Approval Requirements**

Source ID: P104

Source Name: FACILITY ROADWAYS

Source Capacity/Throughput:

**I. RESTRICTIONS.****Emission Restriction(s).****# 001 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Pursuant to the best available technology requirements of 25 Pa. Code Sections 127.1 and 127.12, the total particulate matter emissions from Source ID P104 shall not exceed 23.80 tons in any 12 consecutive month period.

II. TESTING REQUIREMENTS.**# 002 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

Within 180 days of commencement of operation of the plastics sorting operation at the Point Township Circular Manufacturing Facility the permittee shall conduct a site-specific silt loading analysis in order to calculate more accurate actual emissions from Source ID P104.

III. MONITORING REQUIREMENTS.

No additional monitoring requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

IV. RECORDKEEPING REQUIREMENTS.

No additional record keeping requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

V. REPORTING REQUIREMENTS.

No additional reporting requirements exist except as provided in other sections of this plan approval including Section B (Plan Approval General Requirements).

VI. WORK PRACTICE REQUIREMENTS.**# 003 [25 Pa. Code §127.12b]****Plan approval terms and conditions.**

The owner or operator shall post a sign limiting speeds to less than 20 mph on all in-plant roads.

004 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

The permittee shall promptly remove earth or other material from facility roadways onto which earth or other material has been transported by trucking or earth moving equipment, by vacuum street sweeping or other means.

005 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

A set vehicle pattern shall be established and maintained for vehicles entering and exiting the plant.

006 [25 Pa. Code §127.12b]**Plan approval terms and conditions.**

Pursuant to the best available technology requirements of 25 Pa. Code Sections 127.1 and 127.12, all roadways at the Point

**SECTION D. Source Level Plan Approval Requirements**

Township Circular Manufacturing Facility shall be paved.

VII. ADDITIONAL REQUIREMENTS.

007 [25 Pa. Code §127.12b]

Plan approval terms and conditions.

Source ID P104 consists of roadways at the Point Township Circular Manufacturing Facility.



SECTION E. Source Group Plan Approval Restrictions.



SECTION F. Alternative Operation Requirements.

No Alternative Operations exist for this Plan Approval facility.



SECTION G. Emission Restriction Summary.

No emission restrictions listed in this section of the permit.

**SECTION H. Miscellaneous.**

The following air contaminant sources are considered to be of minor significance with respect to air quality by the Department and have been determined to be exempt from permit requirements. However, this determination does not exempt the sources from compliance with all applicable air quality regulations specified in 25 Pa. Code Chapters 121-145:

- (a) A plastic sorting operation in which post-consumer plastics are sorted and baled, followed by shipment off-site for further recycling.



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