Owens Corning Roofing and Asphalt, LLC
Jacksonville Plant

Facility ID No. 0310050
Duval County

Title V Air Operation Permit Revision

Permit No. 0310050-043-AV
(Revision of Title V Air Operation Permit No. 0310050-037-AV)

Permitting Authority:
State of Florida
Northeast District Office
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Telephone: (904) 256-1700
Email: DEP_NED@floridadep.gov

Compliance Authority:
Northeast District Office
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

Telephone: (904) 256-1700
Email: DEP_NED@floridadep.gov

Title V Air Operation Permit Revision

Permit No. 0310050-043-AV

Table of Contents

Section **Page Number**

FLORIDA DEPARTMENT OF Environmental Protection

Ron DeSantis
Governor

Alexis A. Lambert
Secretary

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

PERMITTEE:
Owens Corning Roofing and Asphalt, LLC
1035 Talleyrand Avenue
Jacksonville, Florida 32206

Permit No. 0310050-043-AV
Jacksonville Plant
Facility ID No. 0310050
Title V Air Operation Permit Revision

The purpose of this permit is to revise the Title V air operation permit for the above referenced facility to incorporate Permit No. 0310050-038-AC. The existing Jacksonville Plant is located in Duval County at 1035 Talleyrand Avenue, Jacksonville. UTM Coordinates are: Zone 17, 439.5 km East and 3356.2 km North. Latitude is: 30° 20′ 12″ North; and, Longitude is: 81° 37′ 53″ West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

0310050-043-AV Effective Date:
031050-040-AV Effective Date: December 3, 2024
0310050-037-AV Effective Date: November 14, 2023
Renewal Application Due Date: April 3, 2028
Expiration Date: November 14, 2028

Proposed

Katie Sula Miller
Permitting Program Administrator

KSM/rfs

Subsection A. Facility Description.

The Jacksonville Plant manufactures asphalt and roofing products, including asphalt shingles. The plant manufactures several types of asphalts with various characteristics. Regulated emission units include material handling operations, a mineral application area (surfacing area), an asphalt coater system, asphalt convertors (blowing stills), asphalt and asphalt products storage tanks, and asphalt loading equipment. Some of the facility emissions units are subject to New Source Performance Standards (NSPS) and NESHAP standards. The facility uses add-on control devices that include a fume incinerator, fiber fed filters, and dust collectors.

Subsection B. Summary of Emissions Units.

EU No.	Brief Description
Regulated Emissions Units	
001	Bulk Limestone Storage Silo No. 1
002	Limestone Transfer System (Upper Surge Hopper)
003	Limestone Filler Heater
004	Bulk Limestone Storage Silo No. 2
012	Asphalt Blowing Still Nos. 1 and 2
015	Asphalt Storage Tank Nos. 15 and 47
018	Controlled Asphalt Storage Tank Nos. 48 and 49
019	Tank Truck Loading Rack Nos. 1 and 2
021	Adhesive Tank
028	Mineral Application System (Surfacing Area)
029	Bulk Granule Handling System
030	Shingle Laminator System
031	Adhesive Tank (MLA)
034	Asphalt Coater System No. 2
037	Steam Generator
038	Coating Tank No. 1
039	Asphalt Storage Tank No. 42
040	Asphalt Storage Tank No. 46
043	Sealant Storage Tank Nos. 44 and 45
045	Sand System
046	Spray Application System
047	Emergency Stationary RICE
048	Asphalt Storage Tank No. 8
049	Controlled Asphalt Storage Tank Nos. 9 ~~and 10~~ 11, and 50
050	Surface Reclaim System
Unregulated Emissions Units and Activities *(see Appendix U, List of Unregulated Emissions Units and/or Activities)*	
013	Material Handling System
014	Heaters

017	Uncontrolled Asphalt Storage Tank Nos. 1, 2, 3, 6, 7, ~~11,~~ 12, 13, 23, 24, 25, 26, 27, 28 and 29
022	Cooling Section
023	Miscellaneous Fugitive Emission Operations
026	Pouring Shed
027	Road Dust
041	Rubber Material (supersack) unloading hopper and conveyor

Also included in this permit are miscellaneous insignificant emissions units and/or activities (see Appendix I, List of Insignificant Emissions Units and/or Activities).

Subsection C. Applicable Regulations.

Based on the Title V air operation permit revision application received January 27, 2025, this facility is not a major source of hazardous air pollutants (HAP). The facility is a synthetic minor source of HAP. The existing facility is not a prevention of significant deterioration (PSD) major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation	**EU No(s).**
Federal Rule Citations	
40 CFR 60, Subpart A, NSPS General Provisions	001, 004, 012, 015, 021, 030, 031, 034, 038, 039, 040, 043, 047, 048, Asphalt Storage Tank No. 50, EU 049, 050
40 CFR 60, Subpart Kc, Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After October 4, 2023	(Asphalt Storage Tank No. 50, EU 049)
40 CFR 60, Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture	001, 004, 012, 015, 021, 030, 031, 034, 038, 039, 040, 043, 048, Asphalt Storage Tank No. 50, EU 049
40 CFR 60, Subpart UUU, Standards of Performance for Calciners and Dryers in Mineral Industries	050
40 CFR 60, Subpart JJJJ, Standards of Performance for Stationary Spark ignition Internal Combustion Engines	047
40 CFR 63, Subpart A, General Provisions	012, 034
40 CFR 63, Subpart ZZZZ, National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	047
40 CFR 63, Subpart AAAAAAA, National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing	012, 034
40 CFR 64, Compliance Assurance Monitoring	028, 029
State Rule Citations	
Rule 62-4, F.A.C., Permits	001-004, 012, 015, 019, 028-029, 037-040, 043, 045-047, 048, 049, 050
Rule 62-204.800, F.A.C., Federal Regulations Adopted by Reference	001-004, 012, 015, 019, 021, 028-031, 034, 037-040, 043-047, 048,

	Asphalt Storage Tank No. 50, EU 049, 050
Rule 62-210.200, F.A.C., PTE	001-004, 012, 015, 018-019, 021, 028-031, 034, 037-040, 043, 045-046, 048, 049, 050
Rule 62-210.370, F.A.C., Emissions Computation and Reporting	046
Rule 62-210.650, F.A.C., Circumvention	012, 049
Rule 62-213.440, F.A.C., Permit Content	001-004, 012, 015, 019, 021, 028-031, 034, 038-040, 043-045, 047, 048, 049, 050
Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators < 250 MMBtu/hr	037
Rule 62-296.700, F.A.C., RACT Particulate Matter	002-003, 028-029, 045
Rule 62-296.711, F.A.C., Material Handling, Sizing, Screening, …	002-003, 028-029, 045
Rule 62-297.310, F.A.C., General Emissions Test Requirements	001-004, 012, 015, 019, 021, 028-031, 034, 037-040, 043, 045-046, 048, 049, 050
Rule 62-297.620, F.A.C., Exceptions and Approval of Alternate Procedures.	003, 045

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C., Rule 2.501, JEPB]

Emissions and Controls

FW2. Not federally Enforceable. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.; Rule 2.1101, JEPB, Rule 2.301, JEPB]

FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed-necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.; Rule 2.1101, JEPB]

{Permitting Note: Nothing is deemed necessary and ordered at this time.}

FW4. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b), F.A.C.; Rule 2.1101, JEPB]

FW5. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

a. Paving and maintenance of roads, parking areas and yards.
b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
d. Removal of particulate matter from roads and other paved areas under the control of the Permittee to prevent re-entrainment, and from buildings or work areas to prevent particulate from becoming airborne.
e. Landscaping or planting of vegetation.
f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
g. Confining abrasive blasting where possible.
h. Enclosure or covering of conveyor systems.

[Rule 62-296.320(4)(c), F.A.C.; and, proposed by applicant in Title V air operation permit renewal application received June 28, 2023; Rule 2.1101, JEPB]

Reports and Fees

See Appendix RR, Facility-wide Reporting Requirements for additional details.

FW6. Electronic Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's (DEP) Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic

Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, Post Office Box 3070, Tallahassee, Florida 32315-3070.** Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: https://floridadep.gov/air/permitting-compliance/content/title-v-fees. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013), Rule 2.301, JEPB, Rule 2.501, JEPB]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: https://floridadep.gov/air/permitting-compliance/content/annual-operating-report. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. ***A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.****}*

FW7. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit and to the US. EPA at the address shown below within 60 days after the end of each calendar year during which the Title V air operation permit was effective. (See also Appendix RR, Conditions RR1 and RR7.) The annual statement of compliance can be submitted to the U.S. EPA via the Compliance and Emissions Data Reporting Interface (CEDRI) on EPA's Central Data Exchange (CDX) at https://cdx.epa.gov/. [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.; Rule 2.501, JEPB]

U.S. Environmental Protection Agency, Region 4
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303
Attn: Air Enforcement Branch

FW8. Prevention of Accidental Releases (Section 112(r) of CAA). If, and when, the facility becomes subject to 112(r), the permittee shall:

a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent electronically through EPA's Central Data Exchange system at the following address: https://cdx.epa.gov. Information on electronically submitting risk management plans using the Central Data Exchange system is available at: https://www.epa.gov/rmp. The RMP Reporting Center can be contacted at: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

FW9. Semi-Annual Reports. The permittee shall monitor compliance with the terms and conditions of this permit and shall submit reports at least every six months to the compliance office. Each semi-annual report shall cover the 6-month periods of January 1 – June 30 and July 1 – December 31. The reports shall be submitted by the 60th day following the end of each calendar half (i.e., March 1st and August 29th of every year). All instances of deviations from permit requirements (including conditions in the referenced Appendices) must be clearly identified in such reports, including reference to the specific requirement and the duration of such deviation. If there are no deviations during the reporting period, the report shall so indicate. Any semi-annual reporting requirements contained in applicable federal NSPS or NESHAP requirements may be submitted as part of this report. The submittal dates specified above shall replace the submittal dates specified in the federal rules. All additional reports submitted as part of this report should be clearly identified according to the specific federal requirement. All reports shall include a certification by a responsible official, pursuant to subsection 62-213.420(4), F.A.C. (See also Conditions RR2. – RR4. of Appendix RR, Facility-wide Reporting Requirements, for additional reporting requirements related to deviations.) [Rule 62-213.440(1)(b)3.a., F.A.C.; and, 40 CFR 60.19(d), 40 CFR 61.10(h) & 40 CFR 63.10(a)(5); Rule 2.501, JEPB]

{Permitting Note: EPA has clarified that, pursuant to 40 CFR 70.6(a)(3), the word "monitoring" is used in a broad sense and means monitoring (i.e., paying attention to) the compliance of the source with all emissions limitations, standards, and work practices specified in the permit.}

Other Requirements

FW10. Facility wide emissions of HAP shall be less than ten tons per year for any single HAP and less than 25 tons per year of total HAPs. Tons per year shall be designated as any 12-consecutive month period. [Rule 62-4.070, F.A.C.; and Rule 2.1401, JEPB]

FW11. The facility shall be subject to the City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and JEPB Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice].

FW12. The facility shall be subject to JEPB Rule 2, Parts I through VII, and Parts IX through XIV.

Subsection A. Emissions Unit 001 – Bulk Limestone Storage Silo No. 1 and Emissions Unit 004 - Bulk Limestone Storage Silo No. 2

The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
001	Bulk Limestone Storage Silo No. 1
004	Bulk Limestone Storage Silo No. 2

Crushed bulk limestone is pneumatically conveyed from tanker trucks to the two storage silos. Particulate matter (PM) emissions from both silos are controlled by one high efficiency, Model GSX4 Farr Cartridge dust collector (CD001), rated at 1,320 cfm.

{Permitting Note: These emission units are regulated under 40 CFR 60, Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture and 40 CFR 60, Subpart A, General Provisions.}

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum allowable loading rate of crushed limestone to the silos is 60 TPH.

[Rules 62-4.160(2) & 62-210.200(PTE), F.A.C.; and Rules 2.1401 & 2.301, JEPB]

A.2. Emissions Unit Operating Rate Limitation After Testing. See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(3), F.A.C.; and Rule 2.1201, JEPB]

A.3. Hours of Operation. These emission units may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Condition A.4. and A.5.** are based on the specified averaging time of the applicable test method.

A.4. Visible Emissions. Visible emissions shall not exceed one percent opacity from the emission unit. Compliance is demonstrated through EPA Method 9 testing. [Rule 62-204.800, F.A.C.; 40 CFR 60.472(d); and Rule 2.201, JEPB]

A.5. PM Emissions. PM emissions shall not exceed 0.02 grains per dry standard cubic feet (gr/dscf) from each emissions unit.

a. For EU 001, this is equivalent to 0.09 pounds per hour (lb/hr) and 0.38 TPY.
b. For EU 004, this is equivalent to 0.08 lb/hr and 0.35 TPY.

[Rule 62-4.070(3), F.A.C.; Permit No. 0310050-029-AC (PSD Major Source Avoidance Limits), Permit No. 0310050-031-AC; and Rule 2.1401, JEPB]
{Permitting Note: Compliance is demonstrated through proper operation and maintenance of the dust collector per manufacturer's specifications. Testing may be required upon Department request.}

Test Methods and Procedures

A.6. Test Methods. When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

A.7. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.; and Rule 2.1201, JEPB]

{Permitting Note: Air compliance test notifications can now be completed online in the Department's Business Portal. To access this online process, go to http://www.fldepportal.com/go/home and sign in (or register if you're a new user) from the link in the upper right corner of the page. On the Welcome page select the Submit option, then select Registration/Notification, and then click on Air Compliance Test Notifications. Once in the process, just carefully read the instructions on each screen (and under the Help tabs) to complete the notification.}

A.8. Annual Compliance Tests Required. During each calendar year (January 1st to December 31st), the EU shall be tested to demonstrate compliance with the emissions standards for VE list in **Specific Condition A.4 above**. VE testing shall be conducted for a minimum period of 30 minutes. [Rules 62-297.310(5)(b) & 62-297.310(8), F.A.C.; and Rule 2.1201, JEPB]

Monitoring of Operations

A.9. Operation and Maintenance Plan. Appendix OMP contains the operations and maintenance plan for the particulate control device of each emission unit. The plan shall include a schedule for the maintenance and inspection of each control device and collection system and a schedule for recording performance parameters of the control devices, collection systems, and auxiliary equipment. [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-031-AC; and Rule 2.1401, JEPB]

A.10. Control Device Monitoring. The permittee shall weekly monitor the pressure drop across each emissions unit control device. The permittee shall take corrective action should the pressure drop across a control device exceed the manufacturer recommendation. [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-031-AC; and Rule 2.1401, JEPB]

Recordkeeping and Reporting Requirements

A.11. Reporting Schedule. The following reports and notifications shall be submitted to the Compliance Authority:

Report	Reporting Deadline	Related Condition(s)
Notice of Visible Emissions Test	Annual	A.7.
Visible Emissions Test	Annual	A.8

[Rule 62-213.440(1)(b), F.A.C.; and Rule 2.501, JEPB]

A.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.]

A.13. Maintenance Records. The permittee shall keep records for five years of the maintenance and inspection of each control device and the performance parameters recorded as part of **Specific Condition A.9 above**. [Rule 62-213.440(1)(b), F.A.C.; and Rule 2.501, JEPB; Permit No. 0310050-031-AC]

A.14. Pressure Drop Records. The permittee shall keep records for five years of the weekly pressure drop readings across the emission unit control device required by **Specific Condition A.10 above**, and also record the manufacturer specified maximum accepted pressure drop by control device. The permittee shall separately record each instance the pressure drop across a control device exceeded the manufacturer recommendation including the date, the pressure drop recorded, the date of the subsequent correction action made, the corrective action made, and the pressure drop across the control device following the corrective action. [Rule 62-213.440(1)(b), F.A.C.; and Rule 2.501, JEPB; Permit No. 0310050-031-AC]

Subsection B. Emission Unit 002 – Limestone Transfer System (Upper Surge Hopper) Emission Unit 045 – Sand System

The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
002	Limestone Transfer System (Upper Surge Hopper)
045	Sand System

Bulk limestone is transferred from the storage silo (EU 001) to the filler heater (EU 003) by way of EU 002, which is a transfer system and upper surge hopper. EU 002 – Limestone Transfer System (Upper Surge Hopper) PM emissions are controlled by a CAMCORP Model N8PRT37 Pulse-Jet Baghouse Dust Collector with a maximum air exhaust flow rate of 2,370 actual cubic feet per minute (acfm) and a stack height of 78 feet. The sand system (EU 045) PM emissions are controlled by a Donaldson Company (Torit) dust collector Model CPV4 with 2,680 acfm of exhaust.

{*Permitting Note: Each Emissions Unit was regulated under Reasonably Available Control Technology (RACT) requirements when Duval County was a non-attainment/maintenance area for PM NAAQS. The RACT rules Emission Limiting Standards for Stationary Emission Units [Rule 62-296.700(3), F.A.C., and Rule 2.1101, JEPB]; Maximum Allowable Emission Rates [Rule 62-296.700(4), F.A.C., and Rule 2.1101, JEPB]; Circumvention [Rule 62-296.700(5), F.A.C., and Rule 2.1101, JEPB], and Operation and Maintenance Plan [Rule 62-296.700(6), F.A.C., and Rule 2.1101, JEPB] and Rule 62-296.711, F.A.C., Materials Handling, Sizing, Screening, Crushing and Grinding Operations.*}

Essential PTE Parameters

B.1. Permitted Capacity. The estimated maximum allowable process rate is as follows by unit:

Unit No.	Process rate of crushed limestone
002	25.5 TPH of crushed limestone
045	20.0 TPH through the sand system

[Rules 62-4.160(2), 62-210.200(PTE), & 62-296.700(4), F.A.C.; and Rules 2.1101, 2.1401, & 2.301, JEPB]

B.2. Emissions Unit Operating Rate Limitation After Testing. See the related testing provisions in Appendix TR, Facility-Wide Testing Requirements. [Rule 62-297.310(3), F.A.C.; and Rule 2.1201, JEPB]

B.3. Hours of Operation. These emissions units may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

B.4. Method of Operation for the Sand System (EU 045). The emissions from the sand shall be controlled by the permitted 2,680 acfm CPV4 Dust Collector. The dust collector shall always be in operation during operation of the sand system. If there is a malfunction on the control unit, the permittee shall shut down the baghouse fan immediately to minimize excess emissions. [Rules 62-4.070(3) & 62-210.700(1), F.A.C.; Rules 2.1401 & 2.301, JEPB; and Permit No. 0310050-019-AC]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Conditions B.5. and B.6 below** are based on the specified averaging time of the applicable test method.

B.5. Visible Emissions. Visible emissions shall not exceed five percent opacity from the dust collector for each emission unit. [Rules 62-296.711(2)(a) & 62-297.620(4), F.A.C.; and Rules 2.1101 & 2.1201, JEPB]

B.6. Particulate Matter Emissions. PM emissions shall not exceed 0.02 gr/dscf from each emission unit.
a. For EU 002, this is equivalent to 0.41 pounds per hour (lb/hr) and 1.78 TPY.
b. For EU 045, this is equivalent to 0.46 lb/hr and 2.01 TPY.

{Permitting Note: Compliance is demonstrated through proper operation and maintenance of the dust collector per manufacturer's specifications. Testing may be required upon Department request.}
[Rule 62-4.070(3), F.A.C.; and Permit No. 0310050-029-AC (PSD Major Source Avoidance Limits)]

Test Methods and Procedures

B.7. Test Methods. When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

B.8. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C., and Rule 2.1201, JEPB]

B.9. Annual Compliance Tests Required. During each calendar year (January 1st to December 31st), each EU shall be tested to demonstrate compliance with the emissions standard for VE listed in **Specific Condition B.5 above**. VE testing shall be conducted for a minimum period of 30 minutes. [Rule 62-297.310(5)(b) and (8), F.A.C., and Rule 2.1201, JEPB, and Permit No. 0310050-019-AC (EU 045)]

B.10. Additional PM Tests. Additional PM testing shall be conducted upon request of the Permitting Authority using EPA Reference Method 5. [Rule 62-296.711(3), F.A.C.; and Rule 2.1101, JEPB]

Monitoring of Operations

B.11. Operation and Maintenance Plan. Appendix OMP contains the operations and maintenance plan for the particulate control device of each emission unit. The plan shall include a schedule for the maintenance and inspection of each control device and collection system and a schedule for recording performance parameters of the control devices, collection systems and auxiliary equipment. Records shall be retained for a minimum of five years and shall be made available to the Department upon request. [Rule 62-296.700(6), F.A.C., and Rule 2.1101, JEPB

B.12. Control Device Monitoring. The permittee shall monitor the pressure drop across each emissions unit control device on a weekly basis. The permittee shall take corrective action should the pressure drop across a control device exceed the manufacturer recommendation. [Rule 62-4.070(3), F.A.C.; and Permit No. 0310050-029-AC]

Recordkeeping and Reporting Requirements

B.13. Stack Test Reporting Requirements. See Appendix TR, Facility-Wide Testing Requirements, for stack test reporting requirements. [Rule 62-297.310, F.A.C.; and Rule 2.1201, JEPB]

B.14. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.; and Rule 2.501, JEPB]

B.15. Records. The permittee shall keep records for five years of the weekly pressure drop readings across each emissions unit control device required by **Specific Condition B.12 above** and also record the manufacturer specified maximum accepted pressure drop by control device. The permittee shall separately record each instance the pressure drop across a control device exceeded the manufacturer recommendation including the date, the pressure drop recorded, the date of the subsequent corrective action, the corrective action made, and

the pressure drop across the control device following the corrective action. [Rule 62-213.440(1)(b), F.A.C., and Permit No. 0310050-029-AC]

B.16. Process Rate Data Records, sand system. Records of process rate data shall be maintained on a monthly basis. Records shall be maintained for a minimum period of five years and shall be made available to the Permitting Authority upon request. [Rule 62-213.440(1)(b)2.b., F.A.C.; and Rule 2.501, JEPB]

Subsection C. The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
003	Limestone Filler Heater

Crushed limestone is heated prior to being conveyed to the lower surge hopper and asphalt filler mixer. The Limestone Filler Heater is equipped with a Donaldson Company (Torit MN 64FTD) 8,530 acfm Dust Collector for the control of PM emissions.

{Permitting Note: This Emission Unit was regulated under Reasonably Available Control Technology (RACT) requirements when Duval County was in non-attainment/maintenance area for PM NAAQS. This Emissions Unit was regulated under Reasonably Available Control Technology (RACT) requirements including Specific RACT Emission Limiting Standards for Stationary Emission Units [Rule 62-296.700(3), F.A.C., and Rule 2.1101, JEPB]; Maximum Allowable Emission Rates [Rule 62-296.700(4), F.A.C., and Rule 2.1101, JEPB]; Circumvention [Rule 62-296.700(5), F.A.C., and Rule 2.1101, JEPB], and Operation and Maintenance Plan Rule 62-296.700(6), F.A.C., and Rule 2.1101, JEPB and Rule 62-296.711, F.A.C. Materials Handling, Sizing, Screening, Crushing and Grinding Operations.}

Essential PTE Parameters

C.1. Permitted Capacity. The estimated maximum process rate for the limestone filler heater is 25.5 TPH of crushed limestone with a maximum heat input of five million British thermal units per hour (MMBtu/hr) based on fuel design. [Rules 62-4.160(2), 62-210.200(PTE), & 62-296.700(4), F.A.C.; and Rule 2.1101, 2.1401, & 2.301, JEPB]

C.2. Emissions Unit Operating Rate Limitation After Testing. See the related testing provisions in Appendix TR, Facility-Wide Testing Requirements. [Rule 62-297.310(3), F.A.C.; and Rule 2.1201, JEPB]

C.3. Hours of Operation. This emissions unit may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

C.4. Authorized Fuel. The Limestone Filler Heater shall only combust natural gas. [Rule 62-210.200(PTE), F.A.C.; Permit No. 0310050-026-AC; and Rule 2.301, JEPB]

C.5. Method of Operation. The emissions from the Limestone Filler Heater shall be controlled by the permitted dust collector. The dust collector shall always be in operation during operation of the Limestone Filler Heater. If there is a malfunction on the control unit, the permittee shall shut down the baghouse fan immediately to minimize excess emissions. [Rules 62-210.700(1) & 62-4.070(3) F.A.C.; Permit No. 0310050-019-AC; and Rules 2.1401 & 2.301, JEPB]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Conditions C.6. and C.7 below** are based on the specified averaging time of the applicable test method.

C.6. Visible Emissions. VE shall be limited to five percent opacity. [Rule 62-296.711(2)(a), F.A.C.; and Rule 2.1101, JEPB]

C.7. PM Emissions. PM emissions shall not exceed 0.02 gr/dscf (1.46 lb/hr, 6.40 TPY). [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-029-AC; and Rule 2.1401, JEPB] *{Permitting Note: Compliance is demonstrated through proper operation and maintenance of the dust collector per manufacturer's specifications. Testing may be required upon Department request.}*

Test Methods and Procedures

C.8. Test Methods. When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

C.9. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.; and Rule 2.1201, JEPB]

C.10. Annual Compliance Tests Required. During each calendar year (January 1st to December 31st), VE from the limestone filler heater shall be tested to demonstrate compliance with the emissions standard for VE listed in **Specific Condition C.6 above**. VE testing shall be conducted for a minimum period of 30 minutes. [Rule 62-297.310(5)(b) & 62-297.310(8), F.A.C.; and Rule 2.1201, JEPB]

Monitoring of Operations

C.11. Control Device Monitoring. The permittee shall weekly monitor the pressure drop across the emissions unit control device. The permittee shall take corrective action should the pressure drop across a control device exceed the manufacturer recommendation. [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-029-AC; and Rule 2.1401]

Recordkeeping and Reporting Requirements

C.12. Stack Test Reporting Requirements. See Appendix TR, Facility-Wide Testing Requirements, for stack test reporting requirements. [Rule 62-297.310, F.A.C.; and Rule 2.1201, JEPB]

C.13. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.; and Rule 2.501, JEPB]

C.14. Operation and Maintenance Plan. Appendix OMP contains the operations and maintenance plan for the particulate control device of the EU. The plan shall include a schedule for the maintenance and inspection of each control device and collection system and a schedule for recording performance parameters of the control device, collection system and auxiliary equipment. Records shall be retained for a minimum of five years and shall be made available to the Department upon request. [Rules 62-296.700(6) and 62-213.440(1)(b), F.A.C., and Rules 2.1101 and 2.501, JEPB

C.15. Records. The permittee shall keep records for five years of the weekly pressure drop readings across each emissions unit control device required by **Specific Condition C.11 above** and also record the manufacturer specified maximum accepted pressure drop for the control device. The permittee shall separately record each instance the pressure drop across a control device exceeded the manufacturer recommendation including the date, the pressure drop recorded, the date of the subsequent corrective action, the corrective action made, and the pressure drop across the control device following the corrective action. [Rule 62-213.440(1)(b), F.A.C.; and Permit No. 0310050-029-AC]

C.16. Process Rate Records. Records of the process input rate shall be maintained on a monthly basis. Records shall be maintained for a minimum period of five years and shall be made available to the Permitting Authority upon request. [Rule 62-213.440(1)(b)2.b., F.A.C., and Rule 2.501, JEPB]

Subsection D. The specific conditions in this section apply to the following emission unit:

EU No.	Brief Description
012	Asphalt Blowing Still Nos. 1 and 2

Asphalt is processed through the addition of air and chemical additives. Air pollutant emissions are controlled through the use of the fume incinerator, which also functions as an asphalt preheater.

{Permitting Note: This emission unit is regulated under 40 CFR 60, Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture and 40 CFR 60, Subpart A, General Provisions shall apply to this emission unit; 40 CFR 63, Subpart AAAAAAA, National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing and the General Provision (40 CFR Part 63, Subpart A) as specified in Table 5 of 40 CFR 63, Subpart AAAAAAA.}

Essential PTE Parameters

D.1. The Preheater Fume Incinerator (PFI). The PFI is equipped with a North American 4545 Flame-Jet Gas Burner. The unit includes a Smartlink system that shall monitor the efficiency of the unit. The PFI shall control emissions from the asphalt blowing stills, and for a portion of the facility's asphalt, coating, and storage tanks: (EU015) Asphalt Storage Tanks Nos. 15 and 47, (EU018) Asphalt Storage Tanks Nos. 48 and 49, (EU038) Coating Tank No. 1, (EU039) Asphalt Storage Tank No. 42, (EU040) Storage Tank No. 46, and (EU043) Storage Tanks Nos. 44 and 45. [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-026-AC; and Rule 2.1401, JEPB]

D.2. Permitted Capacity. The maximum charging rate of asphalt shall not exceed 211.5 tons per charge of asphalt. The North American 4545 Flame Jet Gas burner (or equivalent) shall have a design capacity rating not to exceed 12.4 MMBtu/hr. The. [Rules 62-4.160(2) & 62-210.200(PTE), F.A.C.; and Rules 2.1401 & 2.301, JEPB] *{Permitting Note: The heat input is representative at a maximum pressure drop across the burner of 16-ounce force per square inch (osi) for conservative estimates.}*

D.3. Emission Unit Operating Rate Limitation after Testing. See the related testing provisions in Appendix TR, Facility-Wide Testing Requirements. [Rule 62-297.310(3), F.A.C.; and Rule 2.1201, JEPB]

D.4. Hours of Operation. This emission unit may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

D.5. Authorized Fuel. The Preheater Fume Incinerator shall only combust natural gas. [Rule 62-210.200(PTE), F.A.C.; Permit No. 0310050-026-AC; and Rule 2.301, JEPB]

D.6. Method of Operation.

a. The control efficiency of the new Preheater Fume Incinerator (CD012) shall be such that PM emissions meet the requirements in **Specific Condition D.12 below** and VE meet the requirements of **Specific Condition D.11 below**.
b. The permittee shall operate and maintain the preheater fume incinerator in accordance with the manufacturer's instructions and requirements. The preheater fume incinerator shall be online, functioning properly, and in operation in accordance with the manufacturer's recommendations whenever the asphalt blowing still is in operation.
c. The permittee shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly.
d. The use of ferric chloride as a catalyst in the asphalt blowing stills is prohibited.

[Rules 62-210.200(PTE), 62-4.070(3), & 62-210.650, F.A.C.; Permit Nos. 0310050-026-AC, & 0310050-031-AC, and Rules 2.301 & 2.1401, JEPB]

{Permitting Note: Emissions from EUs 015, 018, 038, 039, 040, and 043 vent to the fume incinerator when the blowing stills operate and for a minimum of 6,100 hours per year. Otherwise, these emissions can vent to a CECO fiber bed filter.}

Operating Standards

D.7. Operating Value. The permittee shall establish an operating value for the combustion zone temperature of the fume incinerator. [Table 4 to NESHAP Subpart AAAAAAA]

D.8. Site-Specific Monitoring Plan. The permittee shall develop and make available for inspection by the Compliance Authority, upon request, a site-specific monitoring plan that addresses the following:

a. Installation of the CPMS probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of control of the exhaust emissions (e.g., on or downstream of the last control device;
b. Performance and equipment specifications for the probe or interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction system; and
c. Performance evaluation procedures and acceptance criteria (e.g., calibrations). The permittee site-specific monitoring plan shall address the following:
   (1) Ongoing operation and maintenance procedures in accordance with the general requirements of 40 CFR 63.8(c)(1), (c)(3), (c)(4)(ii), (c)(7), and (c)(8).
   (2) Ongoing data quality assurance procedures in accordance with the general requirements of 40 CFR 63.8(d); and
   (3) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of 40 CFR 63.10(c), (e)(1), and (e)(2)(i).

[40 CFR 63.11563(b)]

D.9. Continuous Parameter Monitoring System (CPMS). The permittee shall install, operate, and maintain a CPMS as specified below:

a. The CMPS shall complete a minimum of one cycle of operation for each successive 15-minute period.
b. To determine the 3-hour average combustion zone temperature, the permittee shall:
   (1) Have a minimum of four successive cycles of operation to have a valid hour of data.
   (2) Have valid data from at least three of four equally spaced data values for that hour from a CPMS that is not out-of-control according to the permittee site-specific monitoring plan.
   (3) Determine the 3-hour average of all recorded readings for each operating day. The permittee shall have at least two of the three hourly averages for that period using only hourly average values that are based on valid data (i.e., not from out-of-control periods).
c. The permittee shall record the results of each inspection, calibration, and validation check of the CPMS.

[40 CFR 63.11563(c)]

D.10. CPMS Requirements. For each temperature monitoring device, the permittee shall meet the CPMS requirements in **Specific Condition D.9 above** and the following requirements:

a. Locate the temperature sensor in a position that provides a representative temperature.
b. For a noncryogenic temperature range, use a temperature sensor with a minimum measurement sensitivity of 2.8°C or 1.0 percent of the temperature value, whichever is larger.
c. If a chart recorder is used, the recorder sensitivity in the minor division must be at least 20°F.
d. Perform an accuracy check at least semiannually or following an operating parameter deviation:
   (1) According to the procedures in the manufacturer's documentation; or
   (2) By comparing the sensor output to redundant sensor output; or
   (3) By comparing the sensor output to the output from a calibrated temperature measurement device; or
   (4) By comparing the sensor output to the output from a temperature simulator.
e. Conduct accuracy checks any time the sensor exceeds the manufacturer's specified maximum operating temperature range or install a new temperature sensor.

f. At least quarterly or following an operating parameter deviation, perform visual inspections of components if redundant sensors are not used.

[40 CFR 63.11563(d)]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Condition D.11. and D.12 below** are based on the specified averaging time of the applicable test method.

D.11. VE. Visible emissions shall be limited to zero percent opacity. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.472(b)(5); and Rule 2.201, JEPB]

D.12. PM Emissions. PM emissions shall not exceed 0.44 lb/ton (10.33 lb/hr and 45.26 tpy) of asphalt charged to the blowing stills. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.472(b)(1) & 40 CFR 63.11561(a); Permit No. 0310050-029-AC (PSD); and Rule 2.201, JEPB]
{Permitting Note: The NESHAP Subpart AAAAAAA (7A) PM emissions limit of 1.2 lb/ton per 40 CFR 63.11561(c) applies at all times. The NSPS Subpart UU PM emissions limits are 1.3 lb/ton when using a catalyst and 1.2 lb/ton without a catalyst.}

Monitoring of Operations

D.13. Temperature. The permittee shall maintain the 3-hour average combustion zone temperature at or above the operating value established in the initial compliance test. The 3-hour averaging period always applies other than startup and shutdown, as defined in 40 CFR 63.2. Within 24 hours of a startup event, or 24 hours prior to a shutdown event, the permittee shall normalize the emissions that occur during the startup or shutdown, when there is no production rate available to assess compliance with the lb/ton of product emission limits, with emissions that occur when the process is operational. The emissions that occur during the startup or shutdown event shall be included with the process emissions when assessing compliance with the NESHAP Subpart AAAAAAA, PM emission limit of 1.2 lb/ton. [40 CFR 63.11563(a) and Tables 1 and 4 to NESHAP, Subpart AAAAAAA]

D.14. Maintenance. The permittee shall always operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the permittee to make any further efforts to reduce emissions if levels required by **Specific Condition D.11 above** and the NESHAP Subpart AAAAAAA PM emission limit of 1.2 lb/ton have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Permitting Authority which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [40 CFR 63.11563(i) & Table 1 to NESHAP Subpart AAAAAAA]

D.15. Performance Evaluation. The permittee shall conduct a performance evaluation of each CPMS in accordance with the site-specific monitoring plan. [40 CFR 63.11563(j)]

D.16. Continuous Operation. The permittee shall operate and maintain the CPMS in continuous operation according to the site-specific monitoring plan. [40 CFR 63.11563(k)]

Test Methods and Procedures

D.17. Test Methods. When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5A	Particulate Matter Asphalt Roofing

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Table 3 of 40 CFR 63, Subpart AAAAAAA]

D.18. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.; and Rule 2.1201, JEPB]

D.19. Annual Compliance Tests Required. During each calendar year (January 1st to December 31st), the emission unit shall be tested to demonstrate compliance with the emissions standards for PM and VE listed in **Specific Conditions D.11. and D.12 above**. Visible emission testing shall be conducted concurrently with the PM testing. Both PM and VE testing shall be conducted for a minimum period of 30 minutes. The permittee shall record the operating temperature of the control device during the performance test. [Rules 62-204.800(8), 62-297(5)(b), & 62-297.310(8), F.A.C.; 40 CFR 60.473(d); Permit No. 0310050-026-AC; and Rules 2.1201 & 2.201, JEPB]

Continuous Monitoring Requirements

D.20. Temperature Monitoring. The permittee using an afterburner to meet the NSPS Subpart UU emission limit while using a catalyst shall continuously monitor and record the temperature in the combustion zone of the afterburner. The monitoring instrument shall have an accuracy of ±10 °C (±18 °F) over its range. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.473(b); and Rule 2.201, JEPB]

D.21. CPMS Maintenance.

a. *Performance Evaluation*. The permittee shall conduct a performance evaluation of each CPMS in accordance with the site-specific monitoring plan.
b. *Operation*. The permittee shall operate and maintain the CPMS in continuous operation according to the site-specific monitoring plan.

[40 CFR 63.11563(j) & 40 CFR 63.11563(k)]

Recordkeeping and Reporting Requirements

D.22. Reporting Schedule. The following reports and notifications shall be submitted to the Compliance Authority:

Report	Reporting Deadline	Related Condition(s)
Test Notifications	Notice of Intent to conduct compliance test – 60 days Notification of Compliance Status – 60 days	**D.23 below**
Compliance Test Reports	31 days after the end of the semi-annual period	**D.24 below**

[Rule 62-213.440(1)(b), F.A.C.; and Rule 2.501, JEPB]

D.23. Test Notifications.

a. The permittee shall submit a notification of intent to conduct a compliance test at least 60 calendar days before the compliance test is scheduled to begin, as required in 40 CFR 63.7(b)(1).
b. The permittee shall submit a notification of compliance status according to 40 CFR 63.9(h)(2)(ii). The permittee shall submit the notification of compliance status, including the compliance test results, before the close of business on the 60th calendar day following the completion of the compliance test according to 40 CFR 63.10(d)(2).

[40 CFR 63.11564(a)(4) & (5)]

D.24. Compliance Test Reports. The permittee shall submit a compliance report as follows:

a. The compliance report shall identify the controlled units (e.g., blowing stills).

b. During periods for which there are no deviations from any emission limitations (emission limit or operating limit) that apply to the emission unit, the compliance report shall contain the information specified below:
   (1) Company name and address.
   (2) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
   (3) Date of report and beginning and ending dates of the reporting period.
   (4) A statement that there were no deviations from the emission limitations during the reporting period.
   (5) If there were no periods during which the CPMS was out-of-control as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CPMS was out-of-control during the reporting period.

c. For each deviation from an emission limitation (emission limit and operating limit), the permittee shall include the information below:
   (1) The date and time that each deviation started and stopped.
   (2) The date and time that each CPMS was inoperative, except for zero (low-level) and high-level checks.
   (3) The date, time, and duration that each CPMS was out-of-control, including the information in 40 CFR 63.8(c)(8).
   (4) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of startup, shutdown, or malfunction or during another period.
   (5) A summary of the total duration of the deviation during the reporting period and the total duration as a percent of the total source operating time during that reporting period.
   (6) A breakdown of the total duration of the deviations during the reporting period into those that are due to startup, shutdown, control equipment problems, process problems, other known causes, and other unknown causes.
   (7) A summary of the total duration of CPMS downtime during the reporting period and the total duration of CPMS downtime as a percent of the total source operating time during that reporting period.
   (8) An identification of each air pollutant that was monitored at the affected source.
   (9) A brief description of the process units.
   (10) A brief description of the CPMS.
   (11) The date of the latest CPMS certification or audit.
   (12) A description of any changes in CPMS or controls since the last reporting period.

d. Unless the Department has approved a different schedule for submission of reports under 40 CFR 63.10(a), the permittee shall submit each report specified here according to the following dates:
   (1) Each compliance report shall cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
   (2) Each compliance report shall be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

   [40 CFR 63.11564(b)]

D.25. Stack Test Reporting Requirements. See Appendix TR, Facility-Wide Testing Requirements, for stack test reporting requirements. [Rule 62-297.310, F.A.C.; and Rule 2.1201, JEPB]

D.26. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C. and Rule 2.501, JEPB]

D.27. Records. The permittee shall maintain the records specified below:

a. The permittee is required to record the operating temperature of the control device during the performance test and as required by 40 CFR 60.7, maintain a file of the temperature monitoring results for at least five years.
b. A copy of each notification and report that the permittee submitted to comply with this subpart, including all documentation supporting any initial notification or notification of compliance status that the permittee submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).
c. Copies of emission tests used to demonstrate compliance and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).
d. Documentation that shows that the following conditions are true if the Permittee used a previously-conducted emission test to demonstrate initial compliance as specified in 40 CFR 63.11562(b)(1)(ii):
   (1) The test was conducted within the last five years;
   (2) No changes have been made to the process since the time of the emission test;
   (3) The operating conditions and test methods used for the previous test conform to the requirements of this subpart; and
   (4) The data used to establish the value or range of values of the operating parameters, as specified in 40 CFR 63.11562(b)(2)(ii), were recorded during the emission test.
e. Documentation that identifies the operating parameters and values listed in **Specific Condition D.7 above** and that contains the data used to establish the parameter values as specified in 40 CFR 63.11562(b)(3).
f. Copies of the written manufacturers performance specifications used to establish operating parameter values as specified in 40 CFR 63.11562(b)(3)(iii).
g. Documentation of the process knowledge and engineering calculations used to demonstrate initial compliance as specified in 40 CFR 63.11562(e).
h. Documentation of the process knowledge and engineering calculations used to establish the value or range of values of operating parameters as specified in 40 CFR 63.11562(f).
i. A copy of the site-specific monitoring plan required under 40 CFR 63.11563(b).
j. A copy of the approved alternative monitoring plan required under 40 CFR 63.11563(h), if applicable.
k. Records of the operating parameter values listed in **Specific Condition D.7 above** to show continuous compliance with each operating limit that applies to the emission unit.

[40 CFR 63.11564(c)]

D.28. Record Maintenance. The permittee shall maintain the records specified in **Specific Condition D.27 above** for at least five years. [Rule 62-213.440(1)(b), F.A.C.; and Rule 2.501, JEPB]

Subsection E. EU 015 – Asphalt Storage Tank Nos. 15 and 47, EU 038 – Coating Tank No. 1, EU 039 – Asphalt Storage Tank No. 42, EU 040 – Asphalt Storage Tank No. 46 EU 043 – Storage tank nos. 44 and 45

Subsection E. The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
015	Asphalt Storage Tank Nos. 15 and 47
038	Coating Tank No. 1
039	Asphalt Storage Tank No. 42
040	Asphalt Storage Tank No. 46
043	Storage Tank Nos. 44 and 45

Blown asphalt and other asphalt products are stored in the tanks identified under EUs 015, 038, 039, and 040. EU 043 process and/or stores sealant material within Tank No. 44 (25,000 Gallons) and Tank No. 45 (22,890 Gallons). EUs 015, 038, 039, 040 and 043 pollutant emissions are vented to the fume incinerator or a common CECO fiber bed filter. These control device descriptions do not prohibit a like-kind control device replacement.

{Permitting Note: These emission units are regulated under 40 CFR 60, Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture and 40 CFR 60, Subpart A, General Provisions.}

Essential PTE Parameters

E.1. Permitted Capacity. The maximum allowable production rate for laminate-adhesive and sealant products shall not exceed 21,000 TPY. [Rules 62-4.160(2) & 62-210.200(PTE), F.A.C.; and Rules 2.1401 & 2.301, JEPB]

E.2. Emission Unit Operating Rate Limitation after Testing. See the related testing provisions in Appendix TR, Facility-Wide Testing Requirements. [Rule 62-297.310(3), F.A.C.; and Rule 2.1201, JEPB]

E.3. Hours of Operation. These emission units may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

E.4. Method of Operation.

a. Emissions from these emission units are vented to a fume incinerator or CECO fiber bed filter. The permittee shall operate the fume incinerator a minimum of 6,100 hours per year to avoid becoming a major source for PSD of Air Quality.

b. The permittee shall operate and maintain the preheater fume incinerator in accordance with the manufacturer's instructions and requirements. The preheater fume incinerator shall be online, functioning properly, and in operation in accordance with the manufacturer's recommendations whenever EUs 012, 015, 018, 038, 039, 040 and 043 are in operation.

[Rules 62-210.200(PTE) & 62-212.300, F.A.C.; Permit Nos. 0310050-015-AC & 0310050-026-AC; and Rules 2.301 & 2.401]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Condition E.5 below** is based on the specified averaging time of the applicable test method.

E.5. Visible Emissions. VE shall be limited to zero percent opacity, except the zero percent opacity may be exceeded during one consecutive 15-minute period per 24 hours when the transfer lines are being blown for clearance, provided the control device is not bypassed during this period. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.472(c); and Rule 2.201, JEPB]

Test Methods and Procedures

E.6. Test Methods. When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

E.7. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C., and Rule 2.1201, JEPB]

E.8. Annual Compliance Tests Required.

a. *Fume Incinerator*. During each calendar year (January 1st to December 31st), VE from the fume incinerator shall be tested to demonstrate compliance with the emissions standards for VE listed in **Specific Condition E.5 above**. The VE test shall be conducted concurrently with PM testing of the asphalt blowing stills (EU 012). VE testing shall be conducted for a minimum period of 30 minutes.

b. *CECO Fiber Bed Filter*. During each calendar year (January 1st to December 31st), VE from the CECO fiber bed filter shall be tested to demonstrate compliance with the emissions standards for VE listed in **Specific Condition E.5 above**. Visible emissions testing shall be conducted for a minimum period of 30 minutes.

c. *Operating Temperature*. The permittee shall record the operating temperature of the control device during the performance test.

[Rules 62-204.800(8), 62-297.310(5)(b), & 62-297.310(8), F.A.C; 40 CFR 60.473(d); and Rules 2.201 & 2.1201, JEPB]

Recordkeeping and Reporting Requirements

E.9. Stack Test Reporting Requirements. See Appendix TR, Facility-Wide Testing Requirements, for stack test reporting requirements. [Rule 62-297.310, F.A.C. and Rule 2.1201, JEPB]

E.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C. and Rule 2.501, JEPB]

E.11. Temperature Records. The permittee shall maintain records of the temperature monitoring results of **Specific Condition E.8.c above** for at least five years. These records shall be made available to the Permitting Authority upon request. [Rules 62-204.800(8) & 62-213.440(1)(b), F.A.C.; 40 CFR 60.473(d); and Rules 2.201 & 2.501, JEPB]

E.12. Fume Incinerator Records. Records of fume incinerator operating hours shall be maintained on both a monthly and a 12-month rolling total basis and made available to the Permitting Authority upon request. [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-015-AC; and Rule 2.1401, JEPB]

E.13. Startup, Shutdown, or Malfunction (SSM) Records. The permittee shall maintain records of the occurrence and duration of any SSM in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.7(b); and Rule 2.201, JEPB]

E.14. Recordkeeping. For Asphalt Tank No. 46, EU 040, the permittee shall maintain a file of all measurements, including continuous monitoring system, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; and all other information required by 40 CFR 60 (applicable to these tanks) recorded in a permanent form suitable for inspection. The file shall be retained for at least five years following the date of such measurements, maintenance, reports, and records. [Rules 62-204.800(8) & 62-213.440(1)(b), F.A.C.; 40 CFR 60.7(f); Rule 2.201 & 2.501, JEPB]

Subsection F. The specific conditions in this section apply to the following emission units

EU No.	Brief Description
018	Asphalt Storage Tank Nos. 48 and 49

Blown asphalt and other asphalt products are stored in Asphalt Storage Tank Nos. 048 and 049.

Essential PTE Parameters

F.1. Hours of Operation. This emission unit may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

F.2. Method of Operation.

a. Emissions from this emission unit are vented to a fume incinerator or CECO fiber bed filter. The permittee shall operate the fume incinerator a minimum of 6,100 hours per year to avoid becoming a major source for PSD of Air Quality.

b. The permittee shall operate and maintain the preheater fume incinerator in accordance with the manufacturer's instructions and requirements. The preheater fume incinerator shall be online, functioning properly, and in operation in accordance with the manufacturer's recommendations whenever the asphalt blowing stills, EU 012, are in operation.

[Rules 62-210.200(PTE) and 62-212.300, F.A.C.; Permit Nos. 0310050-015-AC, 0310050-026-AC, and 0310050-029-AC; and Rules 2.301 & 2.401]

{Permitting Note: Emissions from EUs 015, 018, 038, 039, 040, and 043 vent to the fume incinerator when the blowing stills operate and for a minimum of 6,100 hours per year. Otherwise, these emissions can vent to a CECO fiber bed filter.}

Recordkeeping and Reporting Requirements

F.3. Fume Incinerator Records. Records of fume incinerator operating hours shall be maintained on both a monthly and a 12-month rolling total basis and made available to the Permitting Authority upon request. [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-015-AC, Permit No. 0310050-029-AC; and Rule 2.1401, JEPB]

Subsection G. The specific conditions in this section apply to the following emission units:

EU No.	Brief Description
019	Tank Truck Loading Rack Nos. 1 and 2
049	Asphalt Storage Tank Nos. 9 ~~and 10~~, 11 and 50

The Tank Truck Loading Rack Nos. 1 and 2~~, EU 019, was formerly an unregulated emission unit~~. PM emissions are controlled by a fiber bed filter.

The Asphalt Storage Tank Nos. 9 ~~and 10~~, 11 and 50, EU 049~~, was formerly part of unregulated EU 017 – Uncontrolled Asphalt Storage Tanks~~. Asphalt Storage Tank No. 50 is approximately 25 feet in diameter, 32 feet in height, with a storage capacity of 101,891 gallons. The asphalt stored in Asphalt Storage Tank No. 50 has a true vapor pressure less than 3.5 kilopascal (kPa). PM emissions from each asphalt storage tank are controlled by ~~a~~ CECO acid fiber bed filter mist eliminator CD017.

{Permitting Note: Each emission unit has monitoring and recordkeeping requirements for the purpose of providing PTE enforceability as a practical matter of the 95% particulate matter control efficiency used for the acid mist eliminators used in the PTE PM emissions rate.}

{Permitting Note: Asphalt Storage Tank No. 50 of EU 049 is regulated under 40 CFR 60, Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture; 40 CFR 60 Subpart Kc- Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After October 4, 2023; 40 CFR 60, Subpart A - General Provisions; and Rule 62.800(8)(b), F.A.C.}

Essential PTE Parameters

G.1. Permitted Capacity-*EU 019*. The Tank Truck Loading Rack (Nos. 1 and 2) maximum permitted loading rate is 100,000 tons of paving asphalt and 206,826 tons of oxidized asphalt per rolling 12-month period. [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-029-AC; and Rule 2.1401, JEPB]

G.2. Hours of Operation- *EU 019 and EU 049*. Each emission unit may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB; and Permit No. 0310050-038-AC]

Control Technology

G.3. CECO Fiber Bed Filter Mist Eliminator CD017. The permittee shall operate and maintain the CECO fiber bed filter mist eliminator CD017 to control emission of PM_{10} from Asphalt Storage Tank Nos. 11 and 50. The CECO fiber bed filter mist eliminator shall have a 95% control efficiency for reducing PM_{10} emissions. [Rules 62-4.070 & 62-210.200(PTE), F.A.C.; 2.301, 2.1401, JEPB; and Permit No. 0310050-038-AC]

G.4. Circumvention. The permittee shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rule 62-210.650, F.A.C.; and 2.301, JEPB]

G.5. Maintain and Operate Pollution Control Equipment: At all times, including periods of startup, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the EPA which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and

inspection of the source. [Rule 62-204.800(8), F.A.C.; 2.201, JEPB; 40 CFR 60.11(d) and Permit No. 0310050-038-AC]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Conditions** ~~**G.3.**~~ **G.6 and G.8 below** are based on the specified averaging time of the applicable test method.

G.6. Visible Emissions- *EU 019, Asphalt Storage Tank No. 9 (EU 049)*. Visible emissions shall not exceed 20 percent opacity from ~~each~~ emissions unit 019 and Asphalt Storage Tank No. 9. [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-029-AC; and Rule 2.1401, JEPB]

G.7. Visible Emissions- *Asphalt Storage Tank No. 11 (EU 049)*. Visible emissions shall not be equal to or exceed 20 percent opacity. [Rule 62-296.320(4)(b), F.A.C.; Rule 2.1401, JEPB; Permit No. 0310050-038-AC]

G.8. Visible Emissions- *Asphalt Storage Tank No. 50 (EU 049)*. As determined by stack test, visible emissions shall not exceed 0% opacity, except for one consecutive 15-minute period in any 24-hour period when the transfer lines are being blown for clearing. The CECO fiber bed filter mist eliminator CD017 control device shall not be bypassed during this 15-minute period. [Rule 62-204.800(8)(b), F.A.C.; 2.201, JEPB; and 40 CFR 60.472(c); and Permit No. 0310050-038-AC]

G.9. Opacity Standard- *Asphalt Storage Tank No. 50 (EU 049)*. The opacity standards shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard. [Rule 62-204.800(8)(b), F.A.C.; 2.201, JEPB; and 40 CFR 60.11(c)]

Test Methods and Procedures

G.10. Test Methods. When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A-4, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C., Rule 2.201, JEPB; 40 CFR 60.474(b) & (c)(5), and Appendix A of 40 CFR 60]

G.11. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in ~~Appendix D, Common~~ Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C., and Rule 2.1201, JEPB]

{Permitting Note: Air compliance test notifications can now be completed online in the Department's Business Portal. To access this online process, go to http://www.fldepportal.com/go/home and sign in (or register if you're a new user) from the link in the upper right corner of the page. On the Welcome page select the Submit option, then select Registration/Notification, and then click on Air Compliance Test Notifications. Once in the process, just carefully read the instructions on each screen (and under the Help tabs) to complete the notification.}

G.12. Annual Compliance Tests Required- *EU 019, Asphalt Storage Tank No. 9, Asphalt Storage Tank No. 50 (EU 049)*. During each calendar year (January 1st to December 31st), each EU (and emission source) shall be tested while operating to demonstrate compliance with the emissions standards for VE listed in **Specific Conditions** ~~**G.3.**~~ **G.6 and G.8 above**. VE testing for Asphalt Storage Tank No. 9 shall be conducted for a minimum period of 30 minutes. VE testing for Asphalt Storage Tank No. 50 shall be conducted for a

minimum period of 60 minutes [Rules 62-297.310(5)(b) & 62-297.310(8), F.A.C.; Rule 2.1201, JEPB; Permit No. 0310050-029-AC and Permit No. 0310050-038-AC]

G.13. Requirements for determining maximum true vapor pressure, *Asphalt Storage Tank No. 50 (EU 049).* The permittee shall determine the maximum true vapor pressure of the stored volatile organic liquid (VOL) according to the requirements specified in **this Specific Condition**. For storage vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage temperature. For storage vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.

Prior to the initial filling of the storage vessel or to the refilling of the storage vessel with a new VOL, the highest maximum true vapor pressure for the range of anticipated liquids to be stored, including mixtures for which the permittee can define the range of concentrations for constituents in the mixture or with a known maximum Reid vapor pressure, shall be determined using any one of the methods described in **paragraphs a. through d. of this Specific Condition**.

a. As obtained from standard reference texts.
b. ASTM D6377-20 (incorporated by reference; see 40 CFR 60.17). Perform the method using a vapor-to-liquid ratio of 4:1, which is expressed in the method as VPCR.
c. ASTM D6378-22 (incorporated by reference; see 40 CFR 60.17). Perform the method using a vapor-to-liquid ratio of 4:1.
d. As measured by an appropriate method as approved by the EPA.

[Rule 62-204.800(8)(b), F.A.C.; 2.201, JEPB; and 40 CFR 60.110c(a), (f),40 CFR 60.113c(d)(1), 40 CFR 60.117c(b)]

Monitoring of Operations

G.14. Control Device- Pressure Drop. The pressure drop across each control device shall be measured each day of operation.

a. If the pressure drop is less than the manufacturer's specifications for the minimum pressure drop, the permittee shall investigate the cause. The control device shall be inspected including the filters for damage or for loose or missing filters. Each investigating event shall be logged including any corrective actions taken
b. If the pressure drop exceeds the manufacturer's specifications for the maximum pressure drop, the permittee shall promptly investigate the cause, document the problem, and develop and implement an action plan that returns the system within 24-hours to a normal pressure drop operating range.

[Rule 62-4.070(3), F.A.C.; Permit 0310050-029-AC; and Rule 2.1401, JEPB]

G.15. Control Device -Operating Temperature- *Asphalt Storage Tank No. 50 (EU 049).* The permittee shall record and report the operating temperature at the inlet of the control device during the performance test and as required by 40 CFR 60.7(d), maintain a file of the temperature monitoring results for at least 5 years. [40 CFR 60.473(d); Rule 62-204.800(8)(b), F.A.C.; and 2.201, JEPB; Permit No. 0310050-038-AC]

Recordkeeping and Reporting Requirements

G.16. Tank Truck Loading Rack, Loading Records- *EU 019*. The permittee shall keep records of the material loaded using the Tank Truck Loading Rack Nos. 1 and 2 (EU 019) for at least five years. The Permittee shall maintain running 12-month rolling totals of each material (paving asphalt and oxidized asphalt) loaded for demonstrating compliance with **Specific Condition G.1 above**. [Rules 62-4.070 & 62-213.440(1)(b), F.A.C.; and Rules 2.1401 & 2.501, JEPB]

G.17. Monitoring Records. The permittee shall keep records of the VE compliance test results of **Specific Condition ~~G.6.~~ G.12 above** and the control device monitoring records of **Specific Condition ~~G.7.~~ G.14 above** and also record the manufacture specified minimum and maximum accepted pressure drops by control device for at least five years. [Rule 62-213.440(1)(b), F.A.C.; and Rule 2.501, JEPB]

G.18. Records- *Asphalt Storage Tank No. 50 (EU 049).* The permittee shall keep readily accessible records for the life of Asphalt Storage Tank No. 50 that show the dimension of the storage vessel and an analysis that shows the capacity of the storage vessel. [Rule 62-204.800(8)(b), F.A.C.; 2.201, JEPB; and 40 CFR 60.115c(b)]

Subsection H. The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
021	Adhesive Storage Tank
030	Shingle Laminator System
031	Modified Laminate Adhesive (MLA) Storage Tank

An asphalt adhesive is stored in the adhesive storage tank, EU 021, and a modified laminate adhesive (MLA) is stored in the modified laminate adhesive storage tank, EU 031.

The shingle laminator system, EU 030, produces laminated asphalt shingles. Adhesive and sealant are used in the manufacture of laminated roofing shingles. Two 100-gallon adhesive and sealant intermediate storage tanks and two adhesive and sealant applicators are used in the process. Two new filler/adhesive mixing tanks have been added to this emission unit. Filler and adhesive are mixed prior to being used in the asphalt coating process.

{Permitting Note: These emission units are regulated under 40 CFR 60, Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture and 40 CFR 60, Subpart A, General Provisions.}

Essential PTE Parameters

H.1. Emission Unit Operating Rate Limitation after Testing. See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(3), F.A.C.; and Rule 2.1201, JEPB]

H.2. Hours of Operation. These emission units may operate continuously with restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

H.3. Method of Operation.
a. Emissions from these emission units are vented to a fiber bed filter for PM control.
b. For the adhesive storage tank, EU 021, the fiber bed filter control efficiency is estimated to be a minimum of 90%.

[Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Condition H.4. below** is based on the specified averaging time of the applicable test method.

H.4. Visible Emissions. Visible emissions shall be limited to zero percent opacity, except the zero percent opacity may be exceeded during one consecutive 15-minute period per 24 hours when the transfer lines are being blown for clearance, provided the control device is not bypassed during this period. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.472(c); and Rule 2.201, JEPB]

Test Methods and Procedures

H.5. Test Methods. When required tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C. and Rule 2.201, JEPB]

H.6. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C. and Rule 2.1201, JEPB]

H.7. Annual Compliance Tests Required. During each calendar year (January 1st to December 31st), each EU shall be tested to demonstrate compliance with the emissions standards for VE listed in **Specific Condition H.4 above**. Visible emissions testing shall be conducted for a minimum period of 30 minutes. [Rule 62-297.310(5)(b) and 62-297.310(8), F.A.C. and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

H.8. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C. and Rule 2.501, JEPB]

Subsection I. The specific conditions in this section apply to the following emission units:

EU No.	Brief Description
028	Mineral Application System (Surfacing Area)
029	Bulk Granule Handling System

In the mineral application system, EU 028, surfacing minerals are added to the roofing product after application of the coated asphalt. This emission unit was formerly part of EU 006. PM emissions are controlled by an Industrial Accessories Company dust collector (MN 96TB-BHT-338:S6).

The bulk granule handling system, EU 029, is a bulk granule unloading and conveying system. PM emissions are controlled by a Flex-Kleen dust collector MN 20-PRBH-128M96 (IIIG).

{Permitting Note: Each emission unit was regulated under Reasonably Available Control Technology (RACT) requirements when Duval County was in non-attainment/maintenance area for PM NAAQS. Each Emissions Unit is regulated under Rule 62-296.700(4), F.A.C., and Reasonably Available Control Technology (RACT) requirements including Specific RACT Emission Limiting Standards for Stationary Emission Units [Rule 62-296.700(3), F.A.C., and Rule 2.1101, JEPB]; Maximum Allowable Emission Rates [Rule 62-296.700(4), F.A.C., and Rule 2.1101, JEPB]; Circumvention [Rule 62-296.700(5), F.A.C., and Rule 2.1101, JEPB], and Operation and Maintenance Plan [Rule 62-296.700(6), F.A.C., and Rule 2.1101, JEPB]}

Essential PTE Parameters

I.1. Permitted Capacity. The maximum allowable transfer rate of materials and the nominal volumetric air flow rate through the baghouse dust collector are as follows:

Unit No.	Process rate	Baghouse air flow rate
028	70 TPH of coating asphalt, filler, mat, and surface application minerals	30,000 dscfm
029	50 TPH of granules	10,000 dscfm

[Rules 62-4.160(2) & 62-210.200(PTE), F.A.C.; and Rules 2.1401 & 2.301, JEPB]

I.2. Emission Unit Operating Rate Limitation after Testing. See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(3), F.A.C.; and Rule 2.1201, JEPB]

I.3. Hours of Operation. These emission units may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Conditions I.4. and I.5 below** are based on the specified averaging time of the applicable test method.

I.4. Visible Emission. Visible emissions shall not exceed five percent opacity from each emission unit. [Rule 62-296.711(2)(a), F.A.C.; and Rule 2.1101, JEPB]

I.5. PM Emissions. PM emissions shall not exceed 0.02 gr/dscf from each emission unit.
a. For the mineral application system, EU 028, this is equivalent to 5.14 lb/hr and 22.53 TPY.
b. For the bulk granule handling system, EU 029, this is equivalent to 1.71 lb/hr and 7.51 TPY.
[Rule 62-4.070(3), F.A.C.; Permit No. 0310050-029-AC (PSD Major Source Avoidance Limits); and Rule 2.1401, JEPB]
{Permitting Note: Compliance is demonstrated through proper operation and maintenance of the dust collector per manufacturer's specifications. Testing may be required upon Department request.}

Monitoring of Operations

I.6. Compliance Assurance Monitoring (CAM). These emission units are subject to the CAM requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(8)(c), F.A.C. [Rules 62-204.800 & 62-213.440(1)(b)1.a., F.A.C.; 40 CFR 64; and Rules 2.201 & 2.501, JEPB]

I.7. Control Device Monitoring. The permittee shall weekly monitor the pressure drop across each emissions unit control device. The permittee shall take corrective action should the pressure drop across a control device exceed the manufacturer recommendation. [Rule 62-4.070(3), F.A.C.; Permit No. 0310050-029-AC; and Rule 2.1401, JEPB]

Test Methods and Procedures

I.8. Test Methods. When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

I.9. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.; and Rule 2.1201, JEPB]

I.10. Annual Compliance Tests Required. During each calendar year (January 1st to December 31st), the emission unit shall be tested to demonstrate compliance with the emissions standards for visible emissions listed in **Specific Condition I.4 above**. Visible emission testing shall be conducted for a minimum period of 30 minutes. [Rules 62-297.310(5)(b) & 62-297.310(8), F.A.C.; and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

I.11. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.; and Ruel 2.501, JEPB]

I.12. Operation and Maintenance Plan (OMP). Appendix OMP contains the operations and maintenance plan for each particulate control device emission unit. The plan shall include a schedule for the maintenance and inspection of each control device and collection system and a schedule for recording performance parameters of the control device, collection system and auxiliary equipment. Records shall be retained for a minimum of five years and shall be made available to the Department upon request. [Rule 62-296.700(6), F.A.C.; and Rule 2.1101, JEPB]

I.13. Process Rate Data Records. Records of process rate data shall be maintained on a monthly basis. Records shall be maintained for a minimum period of five years and shall be made available to the Permitting Authority upon request. [Rule 62-213.440(1)(b)2.b., F.A.C.; and Rule 2.501, JEPB]

I.14. Records. The permittee shall keep records for five years of the weekly pressure drop readings across each emissions unit control device required by **Specific Condition I.7 above** and also record the manufacturer specified maximum accepted pressure drop by control device. The permittee shall separately record each instance the pressure drop across a control device exceeded the manufacturer recommendation including the date, the pressure drop recorded, the date of the subsequent corrective action, the corrective action made, and the pressure drop across the control device following the corrective action. [Rules 62-4.070(3) & 62-213.440(1)(b), F.A.C.; Permit No. 0310050-029-AC; and Rules 2.1401 and 2.501, JEPB]

Subsection J. The specific conditions in this section apply to the following emission unit:

EU No.	Brief Description
034	Asphalt Coater System No. 2

Asphalt and filler (as required) are applied to the mat. Emissions are vented to the Fiber Bed Filter from the asphalt coater system No. 2 and the existing asphalt coater surge tank. The PM control device is a CECO Filter.

{Permitting Note: This emissions unit is regulated under 40 CFR 60, Subpart UU, Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture and 40 CFR 60, Subpart A, General Provisions and 40 CFR 63, Subpart AAAAAAA, National Emission Standards for Hazardous Air Pollutants for Area Sources: Asphalt Processing and Asphalt Roofing Manufacturing. NESHAP Subpart AAAAAAA applies to Asphalt coating equipment that includes the saturators, coating mixers, and coaters used to apply asphalt to substrate to manufacture roofing products (e.g., shingles, roll roofing).}

Essential PTE Parameters

J.1. Permitted Capacity. The production rate of asphalt shingles and/or mineral surface roll roofing shall not exceed 70 TPH. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

J.2. Emissions Unit Operating Rate Limitation after Testing. See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(3), F.A.C., and Rule 2.1201, JEPB]

J.3. Hours of Operation. This emission unit may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

Operating Standards

J.4. Operating Value. The permittee shall establish an operating value for the inlet gas temperature and pressure drop across the fiber bed filter. As an alternative to monitoring the inlet gas temperature and pressure drop, the permittee can use a leak detection system that identifies when the filter media has been comprised. [Table 4 to 40 CFR 63, Subpart AAAAAAA]

J.5. Site-Specific Monitoring Plan. The permittee shall develop and make available for inspection by the Compliance Authority, upon request, a site-specific monitoring plan that addresses the following:

a. Installation of the CPMS probe or other interface at a measurement location relative to each affected process unit such that the measurement is representative of control of the exhaust emissions (e.g., on or downstream of the last control device);
b. Performance and equipment specifications for the probe or interface, the pollutant concentration or parametric signal analyzer, and the data collection and reduction system; and
c. Performance evaluation procedures and acceptance criteria (e.g., calibrations). The permittee site-specific monitoring plan shall address the following:
   (1) Ongoing operation and maintenance procedures in accordance with the general requirements of 40 CFR 63.8(c)(1), (c)(3), (c)(4)(ii), (c)(7), and (c)(8);
   (2) Ongoing data quality assurance procedures in accordance with the general requirements of 40 CFR 63.8(d); and
   (3) Ongoing recordkeeping and reporting procedures in accordance with the general requirements of 40 CFR 63.10(c), (e)(1), and (e)(2)(i).

[40 CFR 63.11563(b)]

J.6. CPMS. The permittee shall install, operate, and maintain a CPMS as specified below:

a. The CPMS shall complete a minimum of one cycle of operation for each successive 15-minute period.
b. To determine the 3-hour average inlet gas temperature and pressure drop, the permittee shall:
   (1) Have a minimum of four successive cycles of operation to have a valid hour of data.

(2) Have valid data from at least three of four equally spaced data values for that hour from a CPMS that is not out-of-control according to the permittee site-specific monitoring plan.
(3) Determine the 3-hour average of all recorded readings for each operating day. The permittee shall have at least two of the three hourly averages for that period using only hourly average values that are based on valid data (i.e., not from out-of-control periods).

c. The permittee shall record the results of each inspection, calibration, and validation check of the CPMS. [40 CFR 63.11563(c)]

J.7. CPMS Requirements. For each temperature monitoring device, the permittee shall meet the CPMS requirements in **Specific Condition J.6 above** and the following requirements:

a. Locate the temperature sensor in a position that provides a representative temperature.
b. For a noncryogenic temperature range, use a temperature sensor with a minimum measurement sensitivity of 2.8 °C or 1.0 percent of the temperature value, whichever is larger.
c. If a chart recorder is used, the recorder sensitivity in the minor division must be at least 20°F.
d. Perform an accuracy check at least semiannually or following an operating parameter deviation:
(1) According to the procedures in the manufacturer's documentation; or
(2) By comparing the sensor output to redundant sensor output; or
(3) By comparing the sensor output to the output from a calibrated temperature measurement device; or
(4) By comparing the sensor output to the output from a temperature simulator.
e. Conduct accuracy checks any time the sensor exceeds the manufacturer's specified maximum operating temperature range or install a new temperature sensor.
f. At least quarterly or following an operating parameter deviation, perform visual inspections of components if redundant sensors are not used.

[40 CFR 63.11563(d)]

J.8. Pressure Measurement Device. For each pressure measurement device, the permittee shall meet the following requirements:

a. Locate the pressure sensor(s) in, or as close as possible, to a position that provides a representative measurement of the pressure.
b. Use a gauge with a minimum measurement sensitivity of 0.12 kilopascals or a transducer with a minimum measurement sensitivity of five percent of the pressure range.
c. Check the pressure tap for blockage daily. Perform an accuracy check at least quarterly or following an operating parameter deviation:
(1) According to the manufacturer's procedures; or
(2) By comparing the sensor output to redundant sensor output.
d. Conduct calibration checks any time the sensor exceeds the manufacturer's specified maximum operating pressure range or install a new pressure sensor.
e. At least monthly or following an operating parameter deviation, perform a leak check of all components for integrity, all electrical connections for continuity, and all mechanical connections for leakage.
f. At least quarterly or following an operating parameter deviation, perform visible inspections on all components if redundant sensors are not used.

[40 CFR 63.11563(e)]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Condition J.9. through J.11 below** are based on the specified averaging time of the applicable test method.

J.9. Visible Emissions. Visible emissions shall be limited to a maximum of twenty percent opacity. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.472(a)(2); and Rule 2.201, JEPB]

J.10. VE – Saturator Capture System. No visible emissions from a saturator capture system shall be allowed for more than 20 percent of any period of consecutive valid observations totaling 60 minutes. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.472(a)(3); and Rule 2.201, JEPB]

J.11. PM Emissions. PM emissions shall not exceed 0.06 lb/ton (4.2 lb/hr and 18.49 tpy) of asphalt shingle or mineral surface roll roofing produced. [40 CFR 63.11561(b)]

Test Methods and Procedures

J.12. Test Methods. When Required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5A	Particulate Matter Asphalt Roofing
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

J.13. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C., and Rule 2.1201, JEPB]

J.14. PM Compliance Tests. Testing procedures shall be in accordance with the requirements in Table 3 to NESHAP Subpart AAAAAAA. [40 CFR 63.11562]

J.15. Annual Compliance Tests Required. During each calendar year (January 1st to December 31st), VE and PM shall be tested to demonstrate compliance with the emissions standards for PM and VE listed in **Specific Conditions J.9. through J.11 above**. The visible emissions test shall be conducted for a minimum period of 30 minutes concurrent with the PM testing. The permittee is required to record and report the operating temperature of the control device during the performance test. [Rules 62-204.800(8), 62-297.310(5)(b), 62-297.310(7), & 62-297.310(8), F.A.C.; 40 CFR 60.473(d); and Rules 2.1201 & 2.201, JEPB]

Monitoring of Operations

J.16. Temperature Monitoring. The permittee shall continuously monitor and record the temperature of the gas at the inlet to the fiber bed control device. The temperature monitoring instrument shall have an accuracy of +/- 15 degrees Centigrade over its range. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.473(a) & 40 CFR 60.474(e); and Rule 2.201, JEPB]

J.17. Operating Range. The permittee shall maintain the 3-hour average inlet gas temperature and the 3-hour average pressure drop across the device within the (approved) operating range established for each parameter as specified in the initial compliance test of 40 CFR 63.11562(b)(3). The 3-hour averaging period applies at all times other than startup and shutdown, as defined in 40 CFR 63.2. Within 24 hours of a startup event, or 24 hours prior to a shutdown event, the permittee shall normalize the emissions that occur during the startup or shutdown, when there is no production rate available to assess compliance with the lb/ton of product emission limits, with emissions that occur when the process is operational. The emissions that occur during the startup or shutdown event shall be included with the process emissions when assessing compliance with the PM emission limit in **Specific Condition J.11 above**. As an alternative to monitoring the inlet gas temperature and pressure drop, the permittee can use a leak detection system that identifies when the filter media has been comprised. [40 CFR 63.11563(a) and Table 4 to NESHAP Subpart AAAAAAA]

J.18. Maintenance. The permittee shall always operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require the Permittee to make any further efforts to reduce emissions if levels required by **Specific Condition J.11 above** have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Permitting Authority which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source. [40 CFR 63.11563(i)]

J.19. Performance Evaluation. The permittee shall conduct a performance evaluation of each CPMS in accordance with the site-specific monitoring plan. [40 CFR 63.11563(j)]

J.20. Continuous Operation. The permittee shall operate and maintain the CPMS in continuous operation according to the site-specific monitoring plan. [40 CFR 63.11563(k)]

Recordkeeping and Reporting Requirements

J.21. Reporting Schedule. The following reports and notifications shall be submitted to the Compliance Authority:

Report	Reporting Deadline	Related Condition(s)
Test Notifications	Notice of Intent to conduct compliance test – 60 days Notification of Compliance Status – 60 days	**J.22.**
Compliance Test Reports	31 days after the end of the semi-annual period	**J.23.**

[Rule 62-213.440(1)(b), F.A.C.; and Rule 2.501, JEPB]

J.22. Test Notifications.

a. The permittee shall submit a notification of intent to conduct a compliance test at least 60 calendar days before the compliance test is scheduled to begin, as required in 40 CFR 63.7(b)(1). [40 CFR 63.11564(a)(4)]

b. The permittee shall submit a notification of compliance status according to 40 CFR 63.9(h)(2)(ii). The permittee shall submit the notification of compliance status, including the compliance test results, before the close of business on the 60th calendar day following the completion of the compliance test according to 40 CFR 63.10(d)(2). [40 CFR 63.11564(a)(5)]

J.23. Compliance Test Reports. The permittee shall submit a compliance report as follows:

a. The compliance report shall identify the controlled units (e.g., coater).

b. During periods for which there are no deviations from any emission limitations (emission limit or operating limit) that apply to the emission unit, the compliance report shall contain the information specified below:
   (1) Company, name, and address.
   (2) Statement by a responsible official with that official's name, title, and signature, certifying the truth, accuracy, and completeness of the content of the report.
   (3) Date of report and beginning and ending dates of the reporting period.
   (4) A statement that there were no deviations from the emission limitations during the reporting period.
   (5) If there were no periods during which the CPMS was out-of-control as specified in 40 CFR 63.8(c)(7), a statement that there were no periods during which the CPMS was out-of-control during the reporting period.

c. For each deviation from an emission limitation (emission limit and operating limit), the permittee shall include the information below:
   (1) The date and time that each deviation started and stopped.
   (2) The date and time that each CPMS was inoperative, except for zero (low-level) and high-level checks.

(3) The date, time, and duration that each CPMS was out-of-control, including the information in 40 CFR 63.8(c)(8).
(4) The date and time that each deviation started and stopped, and whether each deviation occurred during a period of startup, shutdown, or malfunction or during another period.
(5) A summary of the total duration of the deviation during the reporting period and the total duration as a percent of the total source operating time during that reporting period.
(6) A breakdown of the total duration of the deviations during the reporting period into those that are due to startup, shutdown, control equipment problems, process problems, other known causes, and other unknown causes.
(7) A summary of the total duration of CPMS downtime during the reporting period and the total duration of CPMS downtime as a percent of the total source operating time during that reporting period.
(8) An identification of each air pollutant that was monitored at the affected source.
(9) A brief description of the process units.
(10) A brief description of the CPMS.
(11) The date of the latest CPMS certification or audit.
(12) A description of any changes in CPMS or controls since the last reporting period.

d. Unless the Department has approved a different schedule for submission of reports under 40 CFR 63.10(a), the permittee shall submit each report specified here according to the following dates:
(1) Each compliance report shall cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.
(2) Each compliance report shall be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

[40 CFR 63.11564(b)]

J.24. Stack Test Reporting Requirements. See Appendix TR, Facility-Wide Testing Requirements, for stack test reporting requirements. [Rule 62-297.310, F.A.C. and Rule 2.1201, JEPB]

J.25. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C. and Rule 2.501, JEPB]

J.26. Records. The permittee shall maintain the records specified below:

a. The permittee is required to record the operating temperature of the control device during the performance test and as required by 40 CFR 60.7, maintain a file of the temperature monitoring results for at least five years.
b. A copy of each notification and report that the permittee submitted to comply with this subpart, including all documentation supporting any initial notification or notification of compliance status that the permittee submitted, according to the requirements in 40 CFR 63.10(b)(2)(xiv).
c. Copies of emission tests used to demonstrate compliance and performance evaluations as required in 40 CFR 63.10(b)(2)(viii).
d. Documentation that shows that the following conditions are true if the Permittee used a previously-conducted emission test to demonstrate initial compliance as specified in 40 CFR 63.11562(b)(1)(ii):
(1) The test was conducted within the last five years;
(2) No changes have been made to the process since the time of the emission test;
(3) The operating conditions and test methods used for the previous test conform to the requirements of this subpart; and
(4) The data used to establish the value or range of values of the operating parameters, as specified in 40 CFR 63.11562(b)(2)(ii), were recorded during the emission test.
e. Documentation that identifies the operating parameters and values listed in **Specific Condition J.4 above** and that contains the data used to establish the parameter values as specified in 40 CFR 63.11562(b)(3).

f. Copies of the written manufacturers performance specifications used to establish operating parameter values as specified in 40 CFR 63.11562(b)(3)(iii).
g. Documentation of the process knowledge and engineering calculations used to demonstrate initial compliance as specified in 40 CFR 63.11562(e).
h. Documentation of the process knowledge and engineering calculations used to establish the value or range of values of operating parameters as specified in 40 CFR 63.11562(f).
i. A copy of the site-specific monitoring plan required under 40 CFR 63.11563(b).
j. A copy of the approved alternative monitoring plan required under 40 CFR 63.11563(h), if applicable.
k. Records of the operating parameter values listed in **Specific Condition J.4 above** to show continuous compliance with each operating limit that applies to the emission unit.

[Rules 62-204.800(8) & 62-213.440(1)(b), F.A.C.; 40 CFR 60.473 & 40 CFR 63.11564(c); and Rules 2.201 & 2.501, JEPB]

Subsection K. The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
037	Steam Generator

The steam generating boiler is rated at 12.6 MMBtu per hour of maximum heat input while firing natural gas. The boiler is an Industrial Combustion, Inc., MN 300-2.

{Permitting Note: This emissions unit is regulated under 62-296.406, F.A.C., and Rule 2.1101, JEPB, and BACT dated 3/28/07}

Essential PTE Parameters

K.1. Permitted Capacity. The maximum allowable heat input shall not exceed 12.6 MMBtu/hr. [Rules 62-4.160(2) & 62-210.200(PTE), F.A.C.; and Rules 2.1401 & 2.301, JEPB]

K.2. Emission Unit Operating Rate Limitation after Testing. See the related testing provisions in Appendix TR, Facility-wide Testing Requirements. [Rule 62-297.310(3), F.A.C.; and Rule 2.1201, JEPB]

K.3. Hours of Operation. The emission unit may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

K.4. Authorized Fuel. The steam generator shall only combust natural gas. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Condition K.5. and K.6 below** are based on the specified averaging time of the applicable test method.

K.5. Visible Emissions. Visible emissions shall not exceed 20 percent opacity, except that VE not exceeding 27 percent opacity are allowed for up to six minutes in any one-hour period. [Rule 62-296.406(1), F.A.C.; and Rule 2.1101, JEPB]

K.6. PM and SO_2 Emissions. PM and SO_2 emissions shall be controlled in accordance with the attached Best Available Control Technology (BACT) determination dated 3/28/07. [Rules 62-296.406(2) & 62-296.406(3), F.A.C.; and Rule 2.1101, JEPB]

Test Methods and Procedures

K.7. Exemption from Annual Opacity Test. An annual emissions test shall not be required for any emissions unit with emissions generated solely from the combustion of fuel, provided that the emissions unit does not burn any liquid fuel or solid fuel, or fuel blend for more than 400 hours combined, other than during startup, during the calendar year. If an emissions unit's liquid fuel or solid fuel or fuel blend burning exceeds 400 hours combined during the calendar year, other than during startup, an emissions test shall be completed no later than 60 days after the emissions unit's liquid fuel or solid fuel or fuel blend burning exceeds 400 hours combined, or by the end of the calendar year, whichever is later. [Rule 62-297.310(8)(a)5.e., F.A.C.; and Rule 2.1201, JEPB]

Subsection L. The specific conditions in this section apply to the following emission unit:

EU No.	Brief Description
046	Spray Application System

The Spray Application System includes a 150 gallon mixing vessel with a 160 scfm vent, two 100-gallon storage tanks, a 200-gallon used tank, an electric pump, 12 application nozzles and associated piping and valves.

Essential PTE Parameters

L.1. Hours of Operation. This emission unit may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; Permit No. 0310050-020-AC; and Rule 2.301, JEPB]

Test Methods and Procedures

L.2. Test Methods. When required, tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

L.3. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.; and Rule 2.1201, JEPB]

L.4. VE Special Compliance Tests. The permittee shall conduct a VE compliance test upon request by the Department in accordance with the requirements of Rule 62-297.310(8)(c), F.A.C. - Special Compliance Tests. [Rule 62-4.070, F.A.C.; Permit No. 0310050-020-AC; and Rule 2.1401, JEPB]

L.5. VE Testing Period. Visible emission testing shall be conducted for a minimum period of 30 minutes and shall meet all applicable requirements of Rule 62-297, F.A.C. [Rule 62-297.310(5)(b), F.A.C.; Permit No. 0310050-020-AC; and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

L.6. Recordkeeping. The permittee shall maintain a monthly log at the facility for each material that contains HAPs for a period of at least three years from the date the data is recorded to demonstrate compliance with the facility wide emissions limitations as stated in **Facility-wide Condition FW10 above** and pursuant to Rule 62-4.070(3), F.A.C. The log, at a minimum, shall contain the following:

a. Designation of the month and year of operation for which the records are being tabulated;
b. Consecutive 12-month total HAPs and individual HAP emissions;
c. Record the total quantity, in pounds of each material/product used;
d. For each material/product used, record the percentage and quantity (pounds) for each HAP;
e. Record the total monthly hours of operation.
f. Copy of all calculations and supporting documents for HAP emission rate estimations including, but not limited to:
   (1) Safety Data Sheet (SDS) or material specifications sheet.
   (2) Purchase receipt of the HAP containing materials or other supporting documents indicating the materials usage.

[Rules 62-4.070(2) & 62-210.370(2)(c)(3), F.A.C.; and Rules 2.301 & 2.1401, JEPB]

Subsection M. The specific conditions in this section apply to the following emission unit:

EU No.	Brief Description
047	Emergency Stationary RICE

The engine rating is Power Solutions International, Inc., 134 hp engine.

{Permitting Note: This section addresses a new, emergency natural gas (NG), spark-ignited emergency generator certified to meet the emissions standards of 40 CFR 60 Subpart JJJJ. The emissions unit operates at an area source of HAP emissions. This emissions unit meets the requirements of 40 CFR 63, Subpart ZZZZ by complying with the requirements of 40 CFR 60, Subpart JJJJ.}

Essential PTE Parameters

M.1. Method of Operation.

a. *Fuel*. Natural gas is the primary fuel fired in the emissions unit. Propane fuel may be fired in the emissions unit subject to the requirements of **Specific Condition M.2.d below**. [Rule 62-4.070, F.A.C.; and Rule 2.1401, JEPB]

b. *Non-Resettable Hour Meter*. If the emissions unit does not meet the emission standards applicable to non-emergency engines, then the permittee shall install a non-resettable hour meter. [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4237(b); and Rule 2.201, JEPB]

c. *Operation and Maintenance Instructions – Certified Engine*. The permittee shall maintain the emissions unit according to the manufacturer's emission-related instructions and keeps records of the conducted maintenance to demonstrate compliance, no performance testing is required. The emissions unit shall meet the requirements as specified in 40 CFR part 1068, subparts A though D, as they apply. If engine settings are adjusted according to and consistent with the manufacturer's instructions, the emissions unit will not be considered out of compliance. [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4243(a)(1); and Rule 2.201, JEPB]

d. *Air-to-fuel ratio controller*. It is expected that air-to-fuel ratio controllers will be used with the operation of three-way catalysts/non-selective catalytic reduction. The AFR controller must always be maintained and operated appropriately in order to ensure proper operation of the engine and control device to minimize emissions. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.4243(g); and Rule 2.201, JEPB]

e. *Modified or Reconstructed Engine*. The permittee of a modified or reconstructed stationary SI internal combustion engine shall comply with the emission standards specified in 40 CFR 60.4233(f). The permittee shall demonstrate compliance according to one of the methods specified below:

(1) Purchasing, or otherwise owning or operating, an engine certified to the emission standards in 40 CFR 60.4233(f), as applicable.

(2) Conducting a performance test to demonstrate initial compliance with the emission standards according to the requirements specified in 40 CFR 60.4244. The test must be conducted within 60 days after the engine commences operation after the modification or reconstruction.

[Rule 62-204.800(8), F.A.C.; 40 CFR 60.4243(i); and Rule 2.201, JEPB]

M.2. Hours of Operation.

a. *Emergency*. Each emissions unit may operate continuously without restriction in emergency situations.

b. *Maintenance Hours*. Each emergency stationary RICE may be operated for a maximum of 100 hours 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.

c. *Non-Emergency*. Each emergency stationary RICE may be operated up to 50 hours per year in non-emergency situations. The 50 hours are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response. The 50 hours per year for non-emergency situations may not 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.

d. *Propane*. The permittee may operate the emissions unit using propane for a maximum of 100 hours per year as an alternative fuel solely during emergency operations but must keep records of such use. If propane is used for more than 100 hours per year in an engine that is not certified to the emission standards when using propane, the permittee is required to conduct a performance test to demonstrate compliance with the emission standards in **Specific Condition M.3. through M.5 below**.

[Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4243(d)(2) & (3); and Rule 2.201, JEPB]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Conditions M.3. through M.5 below** are based on the specified averaging time of the applicable test method.

M.3. CO Emissions. CO emissions shall not exceed 4.0 g/HP-hr (or 540 ppmvd at 15% O_2 if a non-certified engine). [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4233(e) & Table 1 of NSPS Subpart JJJJ; and Rule 2.201, JEPB]

M.4. NO_X Emissions. NO_X emissions shall not exceed 2.0 g/HP-hr (or 160 ppmvd at 15% O_2 if a non-certified engine). [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4233(e) & Table 1 of NSPS Subpart JJJJ; and Rule 2.201, JEPB]

M.5. VOC Emissions. VOC emissions shall not exceed 1.0 g/HP-hr (or 86 ppmvd at 15% O_2 if a non-certified engine). For purposes of this emissions limit, when calculating emissions of VOC emissions of formaldehyde should not be included. [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4233(e) & Table 1 of NSPS Subpart JJJJ; and Rule 2.201, JEPB]

Emissions Testing

M.6. Test Methods and Other Procedures. The permittee of an emissions unit subject to performance testing shall follow the procedures in 40 CFR 60.4244. [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4244; and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

M.7. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.; and, Rule 2.501, JEPB]

M.8. Records. The permittee shall keep records of the information below:

a. All notifications submitted to comply with 40 CFR 60, Subpart JJJJ and all documentation supporting any notification.
b. Maintenance conducted on the engine.
c. If the emissions unit is a certified engine, documentation from the manufacturer that the engine is certified to meet the emission standards and information as required in 40 CFR Parts 1048, 1054, and 1060, as applicable.
d. If the emissions unit is a non-certified engine or operating in a non-certified manner and subject to 40 CFR 60.4243(a)(2), documentation that the engine meets the emission standards.

[Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4245(a); and Rule 2.201, JEPB]

M.9. Records – Hours of Operation. The permittee shall keep records of the hours of operation recorded through the non-resettable hour meter. The permittee shall document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4245(b); and Rule 2.201, JEPB]

M.10. Report – Performance Testing. The permittee of an emissions unit subject to performance testing shall submit a copy of each performance test as conducted in 40 CFR 60.4244 within 60 days after the test has been completed. Performance test reports using EPA Method 18, EPA Method 320, or ASTM D6348-03 (incorporated by reference—see 40 CFR 60.17) to measure VOC require reporting of all QA/QC data. For Method 18, report results from sections 8.4 and 11.1.1.4; for Method 320, report results from sections 8.6.2, 9.0, and 13.0; and for ASTM D6348-03 report results of all QA/QC procedures in Annexes 1-7. Beginning on February 26, 2025, performance tests shall be reported electronically according to 40 CFR 60.4245(f). [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4245(d); and Rule 2.201, JEPB]

M.11. Annual Report – Emergency Engine. If the emergency emissions unit operates or is contractually obligated to be available for more than 15 hours per calendar year for the purposes specified in 40 CFR §60.4243(d)(3)(i), the permittee shall submit an annual report according to the requirements below.

a. The report shall contain the following information:
   (1) Company name and address where the engine is located.
   (2) Date of the report and beginning and ending dates of the reporting period.
   (3) Engine site rating and model year.
   (4) Latitude and longitude of the engine in decimal degrees reported to the fifth decimal place.
   (5) [Reserved]
   (6) Hours spent for operation for the purposes specified in §60.4243(d)(3)(i), including the date, start time, and end time for engine operation for the purposes specified in §60.4243(d)(3)(i). The report shall also identify the entity that dispatched the engine and the situation that necessitated the dispatch of the engine.

b. Annual reports for each calendar year shall be submitted no later than March 31 of the following calendar year.

c. The annual report shall be submitted electronically using the subpart specific reporting form in the Compliance and Emissions Data Reporting Interface (CEDRI) that is accessed through EPA's Central Data Exchange (CDX) (www.epa.gov/cdx). However, if the reporting form specific to this subpart is not available in CEDRI at the time that the report is due, the written report shall be submitted to the Department at the appropriate address listed in 40 CFR 60.4. Beginning on February 26, 2025, submit annual report electronically according to 40 CFR 60.4245(g).

[Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4245(e); and Rule 2.201, JEPB]

M.12. Beginning on February 26, 2025. Report – Performance Testing. Beginning on February 26, 2025, within 60 days after the date of completing each performance test, the permittee shall submit the results following the procedures specified in 40 CFR 60.4245(g). Data collected using test methods that are supported by the EPA's Electronic Reporting Tool (ERT) as listed on the EPA's ERT website (*https://www.epa.gov/electronic-reporting-air-emissions/electronic-reporting-tool-ert*) at the time of the test shall be submitted in a file format generated using the EPA's ERT. Alternatively, an electronic file consistent with the extensible markup language (XML) schema listed on the EPA's ERT website may be submitted. Data collected using test methods that are not supported by the EPA's ERT as listed on the EPA's ERT website at the time of the test shall be included as an attachment in the ERT or an alternate electronic file. [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4245(f); and Rule 2.201, JEPB]

M.13. Notifications and Report Submittals to EPA. If required to submit notifications or reports following the procedure specified in 40 CFR 60.4245(g), the notifications or reports shall be submitted to the EPA via the Compliance and Emissions Data Reporting Interface (CEDRI), which can be accessed through the EPA's Central Data Exchange (CDX) (*https://cdx.epa.gov/*). The EPA will make all the information submitted through CEDRI available to the public without further notice to you. Do not use CEDRI to submit information the permittee claims as CBI. Although we do not expect persons to assert a claim of CBI, if you wish to assert a CBI claim for some of the information in the report or notification, the permittee shall submit a complete file in the format specified in 40 CFR Subpart JJJJ, including information claimed to be CBI, to

the EPA following the procedures in **paragraphs a. and b below of this Specific Condition**. Clearly mark the part or all of the information that you claim to be CBI. Information not marked as CBI may be authorized for public release without prior notice. Information marked as CBI will not be disclosed except in accordance with procedures set forth in 40 CFR Part 2. All CBI claims must be asserted at the time of submission. Anything submitted using CEDRI cannot later be claimed CBI. Furthermore, under CAA section 114(c), emissions data is not entitled to confidential treatment, and the EPA is required to make emissions data available to the public. Thus, emissions data will not be protected as CBI and will be made publicly available. The permittee shall submit the same file submitted to the CBI office with the CBI omitted to the EPA via the EPA's CDX as described earlier in 40 CFR 60.4245(g).

a. The preferred method to receive CBI is for it to be transmitted electronically using email attachments, File Transfer Protocol, or other online file sharing services. Electronic submissions shall be transmitted directly to the OAQPS CBI Office at the email address *oaqpscbi@epa.gov*, and as described in 40 CFR 60.4245(g), should include clear CBI markings. ERT files should be flagged to the attention of the Group Leader, Measurement Policy Group; all other files should be flagged to the attention of the Stationary Spark Ignition Internal Combustion Engine Sector Lead. If assistance is needed with submitting large electronic files that exceed the file size limit for email attachments, and if you do not have your own file sharing service, please email *oaqpscbi@epa.gov* to request a file transfer link.
b. If the permittee cannot transmit the file electronically, CBI information may be sent through the postal service to the following address: OAQPS Document Control Officer (C404-02), OAQPS, U.S. Environmental Protection Agency, 109 T.W. Alexander Drive, P.O. Box 12055, Research Triangle Park, North Carolina 27711. ERT files should be sent to the attention of the Group Leader, Measurement Policy Group, and all other files should be sent to the attention of the Stationary Spark Ignition Internal Combustion Engine Sector Lead. The mailed CBI material should be double wrapped and clearly marked. Any CBI markings should not show through the outer envelope.

[Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4245(g); and Rule 2.201, JEPB]

M.14. CEDRI Report Submittal – Claim of EPA System Outage Assertion. If the permittee is required to electronically submit a report through CEDRI in the EPA's CDX, a claim of EPA system outage for failure to timely comply with that reporting requirement may be asserted. To assert a claim of EPA system outage, the permittee shall meet the requirements outlined in **paragraphs a. through g. of this Specific Condition**.

a. The permittee shall have been or will be precluded from accessing CEDRI and submitting a required report within the time prescribed due to an outage of either the EPA's CEDRI or CDX systems.
b. The outage shall have occurred within the period of time beginning five business days prior to the date that the submission is due.
c. The outage may be planned or unplanned.
d. The permittee shall submit notification to the Administrator in writing as soon as possible following the date the permittee first knew, or through due diligence should have known, that the event may cause or has caused a delay in reporting.
e. The permittee shall provide to the Administrator a written description identifying:
   (1) The date(s) and time(s) when CDX or CEDRI was accessed and the system was unavailable;
   (2) A rationale for attributing the delay in reporting beyond the regulatory deadline to EPA system outage;
   (3) A description of measures taken or to be taken to minimize the delay in reporting; and
   (4) The date by which the permittee proposes to report, or if the permittee has already met the reporting requirement at the time of the notification, the date the permittee reported.
f. The decision to accept the claim of EPA system outage and allow an extension to the reporting deadline is solely within the discretion of the Administrator.
g. In any circumstance, the report shall be submitted electronically as soon as possible after the outage is resolved.

[Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4245(h); and Rule 2.201, JEPB]

M.15. CEDRI Report Submittal – Claim of Force Majeure. If the permittee is required to electronically submit a report through CEDRI in the EPA's CDX, a claim of force majeure for failure to timely comply with that reporting requirement may be asserted. To assert a claim of force majeure, the permittee shall meet the requirements outlined in paragraphs a. through e. of this Specific Condition.

a. The permittee may submit a claim if a force majeure event is about to occur, occurs, or has occurred or there are lingering effects from such an event within the period of time beginning five business days prior to the date the submission is due. For the purposes of 40 CFR 60.4245(i), a force majeure event is defined as an event that will be or has been caused by circumstances beyond the control of the affected facility, its contractors, or any entity controlled by the affected facility that prevents the permittee from complying with the requirement to submit a report electronically within the time period prescribed. Examples of such events are acts of nature (*e.g.*, hurricanes, earthquakes, or floods), acts of war or terrorism, or equipment failure or safety hazard beyond the control of the affected facility (*e.g.*, large scale power outage).

b. The permittee shall submit notification to the Administrator in writing as soon as possible following the date the permittee first knew, or through due diligence should have known, that the event may cause or has caused a delay in reporting.

c. The permittee shall provide to the Administrator:
   (1) A written description of the force majeure event;
   (2) A rationale for attributing the delay in reporting beyond the regulatory deadline to the force majeure event;
   (3) A description of measures taken or to be taken to minimize the delay in reporting; and
   (4) The date by which the permittee proposes to report, or if the permittee has already met the reporting requirement at the time of the notification, the date the permittee reported.

d. The decision to accept the claim of force majeure and allow an extension to the reporting deadline is solely within the discretion of the Administrator.

e. In any circumstance, the reporting must occur as soon as possible after the force majeure event occurs.

[Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4245(i); and Rule 2.201, JEPB]

M.16. Records Submitted Electronically. Any records required to be maintained by 40 CFR 60 Subpart JJJJ that are submitted electronically via the EPA's CEDRI may be maintained in electronic format. This ability to maintain electronic copies does not affect the requirement for facilities to make records, data, and reports available upon request to a delegated air agency or the EPA as part of an on-site compliance evaluation. [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4245(j); and Rule 2.201, JEPB]

Other Requirements

M.17. Continuous Compliance. The permittee shall operate and maintain the emissions unit to achieve the emission standards in **Specific Conditions M.3. through M.5 above** over the entire life of the engine. [Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4234; and Rule 2.201, JEPB

M.18. 40 CFR 60, Subpart A – General Provisions. The permittee shall comply with the following applicable requirements of 40 CFR 60 Subpart A, General Provisions, which have been adopted by reference in Rule 62-204.800(8)(b)82., F.A.C.

General Provisions Citation	Subject of Citation
40 CFR 60.1	General applicability of the General Provisions
40 CFR 60.2	Definitions (Additional terms defined in 40 CFR 60.4248)
40 CFR 60.3	Units and abbreviations
40 CFR 60.4	Address
40 CFR 60.5	Determination of construction or modification
40 CFR 60.6	Review of plans
40 CFR 60.7	Notification and Recordkeeping (applies as set in 40 CFR 60.4245)

40 CFR 60.8	Performance tests (only applies if subject to performance testing)
40 CFR 60.9	Availability of information
40 CFR 60.10	State Authority
40 CFR 60.11	Compliance with standards and maintenance requirements
40 CFR 60.12	Circumvention
General Provisions Citation	**Subject of Citation**
40 CFR 60.14	Modification
40 CFR 60.15	Reconstruction
40 CFR 60.16	Priority list
40 CFR 60.17	Incorporations by reference
40 CFR 60.19	General notifications and reporting requirements

[Rule 62-204.800(8)(b)82, F.A.C.; 40 CFR 60.4246 & Table 3 to Subpart JJJJ of NSPS; and Rule 2.201, JEPB]

Subsection N: This section of the permit addresses the following emissions unit.

EU No.	Emission Unit Description
048	Asphalt Storage Tank No. 8

Emission Unit Description: This tank stores asphalt and includes a 2.5 MMBtu/hr natural gas (NG) fired burner for asphalt heating. The burner is included in the unregulated emission unit EU 014 Heaters.

Pollutant Control Device: This tank's air pollutant emissions are vented to a CECO fiber bed filter with a maximum design rate of 150 actual cubic feet per minute rated gas flowrate.

{Permitting Note: This emission unit is regulated under 40 CFR 60, NSPS Subpart UU , Standards of Performance for Asphalt Processing and Asphalt Roofing Manufacture and 40 CFR 60, Subpart A, General Provisions.}

Essential PTE Parameters

N.1. Hours of Operation. These emission units may operate continuously without restriction. [Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

N.2. Method of Operation. Emissions from the asphalt storage tank shall be vented to a CECO fiber fed filter with a maximum design rate of 150 actual cubic feet per minute rated gas flowrate. [Rules 62-210.200(PTE); Permit No. 0310050-028-AC; and Rule 2.301]

Emission Limitations and Standards

Unless otherwise specified, the averaging times for **Specific Condition N.3 below** is based on the specified averaging time of the applicable test method.

N.3. Visible Emissions. VE shall be limited to zero percent opacity, except the zero percent opacity may be exceeded during one consecutive 15-minute period per 24 hours when the transfer lines are being blown for clearance, provided the control device is not bypassed during this period. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.472(c); and Rule 2.201, JEPB]

Test Methods and Procedures

N.4. Test Methods. When required, tests shall be performed in accordance with the following reference methods:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

N.5. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C., and Rule 2.1201, JEPB]

N.6. Annual Compliance Tests Required. During each calendar year (January 1st to December 31st), VE from the CECO fiber bed filter shall be tested to demonstrate compliance with the emissions standards for VE listed in **Specific Condition N.3 above**. VE compliance testing shall be conducted for a minimum period of 60 minutes (i.e., multi-valued opacity standard).

[Rules 62-297.310(5)(b), & 62-297.310(8), F.A.C; and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

N.7. Startup, Shutdown, or Malfunction (SSM) Records. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction (SSM) in the operation of the EU; and any malfunction of the air pollution control equipment. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.7(b); and Rule 2.201, JEPB]

N.8. Recordkeeping. The permittee shall maintain a file of all measurements; adjustments and maintenance performed on the system or devices; and all other information required by 40 CFR 60 recorded in a permanent form suitable for inspection. The file shall be retained for at least two years following the date of such measurements, maintenance, reports, and records. [Rules 62-204.800(8) & 62-213.440(1)(b), F.A.C.; 40 CFR 60.7(f); Rule 2.201 & 2.501, JEPB]

Subsection O: This section of the permit addresses the following emissions unit.

EU No.	Emission Unit Description
050	Surface Reclaim System

The Surface Reclaim System consist of a fluidized bed dryer that will utilize a 0.5 million British thermal units per hour (MMBtu/hr) natural gas heater and controlled by a 2,500 actual cubic feet per minute (acfm) dust collector. A dried granules and sand mixture with an average of 2% or less moisture content will exit the dryer and be further separated via a sand separator and two collection bins using three material transfer points, which will allow OCRA to collect the material for reuse in the bulk granule handling system (EU 029) and mineral application system (EU028). This system will perform entirely indoors, except for the exhaust point of the system (heater and dryer), which will vent outside of the building (Stack Height: 60 feet). The heater is included in the unregulated emission unit EU 014 Heaters.

{Permitting Note: This emission unit is regulated under 40 CFR 60, Subpart UUU – Standards of Performance for Calciners and Dryers in Mineral Industries, Rules 62-296.320(4)(B)1 (General Visible Emissions), (C) (Unconfined Particulate Matter), and 62-297.310(7)(a)(1) (General Compliance Test Requirements)}

Essential PTE Parameters

O.1. Authorized Fuel. The only authorized fuel for the 0.5 MMBtu/hr heater is natural gas. [Rule 62-210.200(PTE), F.A.C.; Permit No. 0310050-033-AC; and Rule 2.301, JEPB]

O.2. Hours of Operation. This emission unit may operate continuously without restriction. [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.; and Rules 2.301 & 2.1401, JEPB]

Emission Limitations and Standards

O.3. PM Emissions. PM emissions shall not exceed 0.02 grains per dry standard cubic feet (gr/dscf). [Rule 62-4.070(3), F.A.C.; Permit 0310050-029-AC (PSD Major Source Avoidance Limits); Permit No. 0310050-033-AC; and Rule 2.1401, JEPB]
{Permitting Note: For the dust collector, this is equivalent to 1.61 TPY. Compliance is demonstrated through proper operation and maintenance of the dust collector per manufacturer's specifications. Testing may be required upon Department request.}

O.4. PM Standards. The permittee shall comply with the emission limitations set forth in this section. No emissions shall be discharged into the atmosphere from any affected facility that:

a. Contains particulate matter in excess of 0.092 grams per dry standard cubic meter (gr/dscm) [0.040 gr/dscf)] for calciners and for calciners and dryers installed in series and in excess of 0.057 g/dscm (0.025 gr/dscf) for dryers; and
b. Exhibits greater than ten percent opacity, unless the emissions are discharged from an affected facility using a wet scrubbing control device.

[Rule 62-204.800(8), F.A.C.; 40 CFR 60.732; and Rule 2.201, JEPB]

O.5. Monitoring of Emissions and Operations.

a. With the exception of the process units described in paragraphs below, the permittee of an affected facility subject to the provisions of this subpart who uses a dry control device to comply with the mass emission standard shall install, calibrate, maintain, and operate a continuous monitoring system to measure and record the opacity of emissions discharged into the atmosphere from the control device.
b. In lieu of a continuous opacity monitoring system, the permittee of a ball clay vibrating grate dryer, a bentonite rotary dryer, a diatomite flash dryer, a diatomite rotary calciner, a feldspar rotary dryer, a fire clay rotary dryer, an industrial sand fluid bed dryer, a kaolin rotary calciner, a perlite rotary dryer, a roofing granules fluid bed dryer, a roofing granules rotary dryer, a talc rotary calciner, a titanium dioxide spray dryer, a titanium dioxide fluid bed dryer, a vermiculite fluid bed dryer, or a vermiculite rotary dryer

who uses a dry control device may have a certified visible emissions observer measure and record three 6-minute averages of the opacity of visible emissions to the atmosphere each day of operation in accordance with Method 9 of appendix A of part 60.

[Rule 62-204.800(8)(b)75, F.A.C.; 40 CFR 60.732; and Rule 2.201, JEPB; and Permit No. 0310050-036-AC]
{Permitting Note: The U.S. EPA determined in 57 FR 44496 that as the amount of emissions from an individual source decreases, the benefits of monitoring also decrease. This emissions unit is exempt from the monitoring requirements of 40 CFR 60.734 because emissions from EU050 are less than 10 Mg/yr (11 tpy), and the U.S. EPA determined that affected units with emissions below 10 Mg/yr (11 tpy) are exempt from the monitoring requirements of 40 CFR 60.734}

Emissions Testing

O.6. PM Special Compliance Tests. The permittee shall conduct a PM compliance test upon request by the Department in accordance with the requirements of Rule 62-297.310(8)(c), F.A.C. – Special Compliance Tests. [Rule 62-4.070, F.A.C.; Permit No. 0310050-036-AC; and Rule 2.1401, JEPB]

O.7. Test Requirements. The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(9), F.A.C.; and Rule 2.1201]
{Permitting Note: Air compliance test notifications can now be completed online in the Department's Business Portal. To access this online process, go to http://www.fldepportal.com/go/home and sign in (or register if you're a new user) from the link in the upper right corner of the page. On the Welcome page select the Submit option, then select Registration/Notification, and then click on Air Compliance Test Notifications. Once in the process, just carefully read the instructions on each screen (and under the Help tabs) to complete the notification.}

O.8. Test Methods and Procedures.

a. In conducting the performance tests required in 40 CFR 60.8, the permittee shall use the test methods in appendix A of this part or other methods and procedures as specified in this section, except as provided in 40 CFR 60.8(b).

b. The permittee shall determine compliance with the particulate matter standards in 40 CFR 60.732 as follows:
   (1) Method 5 shall be used to determine the particulate matter concentration. The sampling time and volume for each test run shall be at least 2 hours and 1.70 dscm.
   (2) Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity from stack emissions.

[Rule 62-204.800(8), F.A.C.; 40 CFR 60.736; and Rule 2.201, JEPB]

O.9. Test Methods. Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
5	Method for Determining Particulate Matter Emissions
5a	Determination of Particulate Matter Emissions from the Asphalt Processing and Asphalt Roofing Industry
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.736 & Appendix A of 40 CFR 60; and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

O.10. Reconstruction. The cost of replacement of equipment subject to high temperatures and abrasion on processing equipment shall not be considered in calculating either the "fixed capital cost of the new components" or the "fixed capital cost that would be required to construct a comparable new facility" under 40 CFR 60.15. Calciner and dryer equipment subject to high temperatures and abrasion are end seals, flights, and refractory lining. [Rule 62-204.800(8), F.A.C.; 40 CFR 60.733; Permit No. 0310050-033-AC; and Rule 2.201, JEPB]

O.11. Recordkeeping and Reporting Requirements.

a. Records of the measurements required in **Specific Condition O.4 above** shall be retained for at least two years.
b. The requirements of this section remain in force until and unless the Agency, in delegating enforcement authority to a State under section 111(c) of the Clean Air Act, approves reporting requirements or an alternative means of compliance surveillance adopted by such State. In that event, affected facilities within the State will be relieved of the obligation to comply with this section provided that they comply with the requirements established by the State.

[Rule 62-204.800(8)(b)75, F.A.C.; 40 CFR 60.735; Permit No. 0310050-036-AC; and Rule 2.201, JEPB]

O.12. Test Reports. The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. For each test run, the report shall also indicate the process flow rate in tons per hour. [Rule 62-297.310(10), F.A.C.; and Rule 2.1201, JEPB]