Title V Air Operation Permit Revision
Permit No. 0310050-022-AV

APPLICANT

The applicant for this project is Owens - Corning Roofing and Asphalt, LLC. The applicant's responsible official and mailing address are: Chris Preslock Site Leader, Owens Corning Roofing and Asphalt, LLC, 1035 Talleyrand Avenue Jacksonville, Florida 32206.

FACILITY DESCRIPTION

The applicant operates the Jacksonville Mill, which is located at 1035 Talleyrand Ave., Jacksonville, Florida.

Owens Corning Roofing and Asphalt, LLC is a manufacturing plant for the production of asphalt and a manufacturing plant for the production of roofing products, including asphalt shingles. The plant processes several types of asphalts with various characteristics such as non-oxidized and oxidized. Regulated emission units include material handling operations, mineral application area (surfacing area), asphalt coater system, asphalt convertors (blowing stills), asphalt and asphalt products storage tanks, and asphalt loading equipment. The facility does not utilize a catalyst in the asphalt blowing process.

EU No.	EU Description
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
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	Storage Tank No. 46
042	Mat Unwind Dry Loop Process
043	Sealant Storage Tank Nos. 44 and 45
044	Emergency Stationary RICE
045	Sand System

PROJECT DESCRIPTION

The purpose of this permit is to revise Title V air operation permit No. 0310050-018-AV to incorporate the terms and conditions of permit No. 0310050-019-AC and to make revision to the dust collector models replacement to reflect actual installation and operation at the facility for the existing Limestone Filler Heater (EU 003) and the New emissions unit Sand System (EU 045).

Permit No. 0310050-019-AC authorized the replacement of the existing dust collectors for the Limestone Filler Heater (EU 003) and the sand system used to control particulate matter emissions for these sources. EPSAP No 3625-1 submitted November 6, 2013 requested the replacement of the existing Donaldson Company (Torit) M/N 64PJD10 Dust Collector for the Limestone Filler Heater (EU 003) new Donaldson Company (Torit) CPV4 Dust Collector and the replacement of the existing dust collector controlling emissions from the Sand System with a new Donaldson Company (Torit) 64FTD dust collector. The existing Sand System control unit previously vented to the control system for the Bulk Granule Handling System (EU 029). The new control unit for the Sand System was reconfigured to be exhausted to the atmosphere and no longer vent to EU 029. The Sand System is now classified as a new emissions source (EU 045).

Based on EPSAP No 3951-1 submitted November 6, 2014, the existing dust collector controlling emissions from the Limestone Filler Heater (EU003) was replaced with a new Donaldson Company (Torit) 64FTD dust collector. And the existing dust collector controlling emissions from the Sand System was replaced with a new Donaldson Company (Torit) CPV4 dust collector. Though there are discrepancies in the replacement dust collectors, all emissions from the replacement for each unit are accounted for based on unit specific data from the replacement dust collector manufacturer.

Unregulated and Insignificant Emissions Units and/or Activities:

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Application for a Title V Air Operation Permit Renewal received November 05, 2014.
Notice of Intent to Issue Air Permit issued December 09, 2014
Public Notice Published December 19, 2014

EPA 45 day review period began **December 19, 2014**, ran concurrently with the Public Notice period, and concludes on **February 02, 2015**.

PRIMARY REGULATORY REQUIREMENTS

Title III: The facility **is not** a major source of hazardous air pollutants (HAP).

Title V: The facility **is a** Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

PSD: The facility **is not** a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

NSPS: The facility **does** operate units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

NESHAP: The facility **does operate** units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

CAM: Compliance Assurance Monitoring (CAM) applies to Emissions Units Nos. 028- Mineral Application System (Surfacing Area), and 029- Bulk Granule Handling System.

GHG: **T**he facility is a minor PSD source which has the potential to emit less than 100,000 TPY of CO_2e emissions, and is therefore is not a major source of Greenhouse Gases based on EPA's 2010 Gas Tailoring Rule. It is also noted that the Supreme Court vacated the 100,000 tons per year of carbon dioxide equivalent (CO_2e) emissions PSD Major Source threshold on June 23, 2014.

CONCLUSION

This project revises Title V air operation permit No. 0310050-018-AV, which was issued on October 4, 2013. This Title V air operation permit revision is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.