PERMITTEE

Owens Corning Insulating Systems, LLC
2222 W. Bella Vista Street
Lakeland, FL, 33810

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Air and Solid Waste Permitting
Southwest District
13051 North Telecom Parkway
Temple Terrace, Florida 33637-7600

PROJECT

Air Permit No. 1050375-011-AC
Minor Air Construction Permit
Lakeland Facility

Expansion of unbonded loosefill fiberglass production capacity.

NOTICE AND PUBLICATION

The Permitting Authority distributed a draft minor air construction permit package on July 7, 2014. The applicant published the Public Notice in the Lakeland Ledger on July 11, 2014. The Permitting Authority received the proof of publication on July 21, 2014. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

COMMENTS

Public

No comments on the draft permit were received from the public.

Applicant

On 07/03/2014, the Permitting Authority received comments from the applicant. The following summarizes the comments and the Permitting Authority's response.

1. In "SECTION 1. GENERAL INFORMATION" under "FACILITY AND PROJECT DESCRIPTION" the applicant pointed out that there are five baghouses instead of four.

   Response: Permit corrected to indicate correct number of baghouses (five).

2. In "SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS" "A. EU Nos. 001 Raw Material Handling & 002 Cold Top Electric Glass Furnace" the description of the fourth emissions point of EU No. 001, Raw Material Handling, the applicant added the missing "Dynamic Air model 343-400 bin vent filter" to the description.

   Response: Description corrected to include the vent filter.

3. In "SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS" "A. EU Nos. 001 Raw Material Handling & 002 Cold Top Electric Glass Furnace" in the detailed emission unit descriptions for EU No. 001 the applicant added storage bin #5 to the list of storage bins.

   Response: Description corrected to include storage bin #5.

4. In "SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS" "A. EU Nos. 001 Raw Material Handling & 002 Cold Top Electric Glass Furnace" in the detailed emission unit descriptions for EU No. 001 the applicant added "Dynamic Air model 343-400 bin vent filter".

   Response: Description corrected to include the bin vent filter.

5. In "SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS" "A. EU Nos. 001 Raw Material Handling & 002 Cold Top Electric Glass Furnace" in the detailed emission unit descriptions for EU No. 001 the applicant clarified that the emissions unit does not act as a dust collector for the furnace raw material running bins in EU No. 002.

   Response: Description corrected to more accurately describe current operations.

6. In "SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS" "A. EU Nos. 001 Raw Material Handling & 002 Cold Top Electric Glass Furnace" in the detailed emission unit descriptions for EU No. 002 the applicant clarified that the running bins are primarily controlled by the ModulKleen bin vent filters on each bin.

   Response: Description corrected to more accurately describe current operations.

7. In "SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS" "A. EU Nos. 001 Raw Material Handling & 002 Cold Top Electric Glass Furnace" Specific Condition A.3. the applicant commented that the initial compliance testing requirement was only applicable to the new baghouse.

   Response: Although there are no equipment changes proposed for these baghouses, the process change will result in a higher throughput. Therefore initial testing is required at these baghouses to ensure compliance at the higher throughput rate. Condition A.3 is correct as written.

8. In "SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS" "B. EU No. 003 Fiberglass Insulation Forming Process" the applicant requested a wording change to clarify the maximum production capacity of the fiberizers.

   Response: Description wording of "A maximum of eleven (11) fiberizers, each with a production capacity of 1,250 pounds of glass fibers per hour is permitted, except that one may pull up to 1,300 pounds per hour." changed to "A maximum of eleven (11) fiberizers, with a total capacity of of 12,500 lb/hr is permitted."

9. In "SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS" "B. EU No. 003 Fiberglass Insulation Forming Process" Specific Condition B.2. the applicant reported that the maximum production capacity of the fiberizers of 56,800 ton/year given in the application was an error. Corrected calculations showed that the correct maximum production was 54,750 ton/yr.

   Response: The production rate in Specific Condition B.2. was adjusted form 56,800 ton/yr to 54,750 ton/yr.

10. In "SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS" "B. EU No. 003 Fiberglass Insulation Forming Process" In Specific Condition B.4.a. the applicant commented that the permitting note was an artifact from the earlier synthetic minor operating permits. The applicant stated the opinion that the note should be removed, but indicated that they would not object if it was left intact.

    Response: The permitting note was removed to avoid confusion of multiple emissions requirements.

CONCLUSION

The changes that have been made are insignificant or administrative in nature and do not impose additional public noticing requirements. The permitting authority hereby issues the FINAL Permit with the changes noted above.