

# Fact Sheet



## For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the original Fact Sheet corresponding with the issuance of the initial Title V operating permit issued on October 1, 2008.

Permit Number: **R30-00300012-2008**  
Application Received: **February 23, 2009**  
Plant Identification Number: **03-54-003-00012**  
Permittee: **Guardian Fiberglass, Inc.**  
Facility Name: **Inwood Plant**  
Mailing Address: **4812 Tabler Station Road, Inwood, West Virginia 25428**

*Permit Action Number: MM01 Revised: April 28, 2009*

---

Physical Location:	Inwood, Berkeley County, West Virginia
UTM Coordinates:	756.55 km Easting • 4,365.50 km Northing • Zone 17
Directions:	From Martinsburg, take I-81 southwest to Tabler Station Road, Exit 8 (County Route 32). Site is located on the southeast corner of the I-81 and County Route 32 intersection.

---

### Facility Description

Raw Materials are mixed into a batch and the batch is then melted to form glass. The molten glass is separated into streams by use of a forehearth and fiber is spun into strands by the means of fiberizers. The fibers are collected to form a blanket then cured in a three-zone oven. Upon exiting the curing oven the blanket is cooled using a "cooling table". The cooled blanket is then cut to size in rolls and batts of insulation per customer requirements. The facility is characterized by SIC code 3296 (wool fiberglass manufacturing).

This minor modification reflects the changes that were made in R14-0015J Permit to allow Guardian to increase production from 2,000 lb/hr to 6,000 lb/hr without binder to make non-resinated blowing wool product.

## Emissions Summary

No change

## Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit over 100 tons per year CO, NO<sub>x</sub>, PM, VOC, and over 10 tons per year each of formaldehyde, methanol and phenol. Due to this facility's potential to emit over 100 tons per year of criteria pollutant and over 10 tons per year of a single HAP, Guardian Fiberglass, Inc is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

## Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:       45CSR14  
                                  45CSR30            Operating permit requirement.

State Only:                NA

Each State and Federally-enforceable condition of the draft Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the draft Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the draft Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR15, 45CSR34 and 45CSR30.

## Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
R14-0015J	March 3, 2009	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table or B," which may be downloaded from DAQ's website.

## Determinations and Justifications

The following updates were made in the minor modification.

1. Section 6.1.6 was revised to permit Guardian to produce 6,000 lb/hr of non-resinated fiberglass insulation from 2,000 lb/hr.
2. Section 3.1.19 was revised to include R14-0015J.

### **Non-Applicability Determinations**

None

### **Request for Variances or Alternatives**

None

### **Insignificant Activities**

Insignificant emission unit(s) and activities are identified in the Title V application.

### **Comment Period**

None

### **Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

### **Point of Contact**

Wayne Green  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1258 • Fax: 304/926-0478

### **Response to Comments (Statement of Basis)**

Not applicable.