

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 Fact Sheet corresponding with the Title V operating permit issued on July 19, 2022.

Permit Number: **R30-03900001-2022**
Application Received: **December 5, 2022**
Plant Identification Number: **03-54-03900001**
Permittee: **The Chemours Company FC, LLC**
Facility Name: **Belle Plant**
Manufacturing Unit: **Specialty Chemical Intermediates (Group 5 of 5)**
Mailing Address: **901 W. DuPont Ave., Belle, WV 25015**

Permit Action Number: *MM01* Revised: *December 27, 2023*

Physical Location: Belle, Kanawha County, West Virginia
UTM Coordinates: 451.90 km Easting • 4,232.60 km Northing • Zone 17
Directions: I-64 to Belle exit, Route 60 east to Belle exit, turn right and plant is on the left.

Facility Description

The products in Group 5 of 5 are specialty chemical intermediates. The process units included are dimethyl ether (DME) and dimethyl sulfate (DMS).

Emissions Summary

This modification results in the following emission changes:
The potential emissions from the new tank SM002 were estimated to be 5.5E-7 lb/yr of sulfuric acid mist (mineral acid).

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 of criteria pollutant, over 10 tons per year of a single HAP, and over 25 tons per year of aggregate HAPs. Due to the facility-wide potential to emit over 100 tons per year of criteria pollutant, over 10 tons per year of a single HAP, and over 25 tons per year of aggregate HAPs, The Chemours Company FC, LLC Belle Plant 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:	45CSR7	Particulate matter and opacity limits for manufacturing sources.
	45CSR13	Preconstruction permits for minor sources.
	45CSR30	Operating permit requirement.
State Only:	None	

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the 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, 45CSR34 and 45CSR30.

Active Permits/Consent Orders

The active permits/consent orders affected by this modification are as follows:

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-3585	March 3, 2023	NA

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," which may be downloaded from DAQ's website.

Determinations and Justifications

This minor modification is for the construction of a new 1,274 gallon scrubber acid tank to replace the existing tank DMS002. These changes were approved under R13-3585. Changes to the Title V permit include the following:

Updates to Section 1.1 Emission Units:

-Year installed changed for DMS002 from 1978 to 2023. This unit has potential to emit sulfuric acid mist (mineral acid).

Updates to Section 3.0:

-Added R13-3585 citation to Title V condition 3.4.1.

Updates to Section 7.0:

-Added R13-3585 citations to Title V conditions 7.1.10, 7.1.11, 7.1.12, 7.2.4, and 7.4.11.

-Added 45CSR§7-4.3 provisions to Title V condition 7.1.12.

-Added R13-3585 condition 4.3.1 as Title V condition 7.3.5.

Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

None.

Request for Variances or Alternatives

None.

Insignificant Activities

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

Comment Period

Beginning Date: N/A

Ending Date: N/A

Point of Contact

All written comments should be addressed to the following individual and office:

Jonathan Carney
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 41247
jonathan.w.carney@wv.gov

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.

Response to Comments (Statement of Basis)

Not applicable.