

Fact Sheet



For Draft/Proposed Renewal Permitting Action Under 45CSR30 and Title V of the Clean Air Act

Permit Number: **R30-03900001-2025 (3 of 5)**
Application Received: **April 1, 2024**
Plant Identification Number: **03-54-039-00001**
Permittee: **The Chemours Company FC, LLC**
Facility Name: **Belle Plant**
Mailing Address: **901 W. DuPont Ave.**
Belle, WV 25015

Physical Location: Belle, Kanawha County, West Virginia
UTM Coordinates: 451.90 km Easting • 4232.60 km Northing • Zone 17
Directions: US Route 60 exit, then right onto DuPont Avenue, then left at plant gate.

Facility Description

Group 3 of 5 includes requirements for Higher Monomers (HM) and MMA Stripping.

Site - SIC codes: 2869; 2879; 2821

Emissions Summary

Emissions Summary [Tons per Year]		
Regulated Pollutants	Potential Emissions (Group 3)	2023 Actual Emissions (Group 3)
Carbon Monoxide (CO)	0.0	0.0
Nitrogen Oxides (NO _x)	0.0	0.0
Particulate Matter (PM _{2.5})	0.0	0.0
Particulate Matter (PM ₁₀)	0.0	0.0

Emissions Summary [Tons per Year]		
Regulated Pollutants	Potential Emissions (Group 3)	2023 Actual Emissions (Group 3)
Total Particulate Matter (TSP)	0.0	0.0
Sulfur Dioxide (SO ₂)	0.0	0.0
Volatile Organic Compounds (VOC)	41.26	3.46
<i>PM₁₀ is a component of TSP.</i>		
Hazardous Air Pollutants	Potential Emissions (Group 3)	2023 Actual Emissions (Group 3)
Methyl Methacrylate	14.02	2.29
Methanol	6.00	0.63
Other HAPs	0.24	None Reported
Total HAPs	20.26	2.92

Some of the above HAPs may be counted as PM or VOCs.

Title V Program Applicability Basis

This facility has the potential to emit over 100 tons per year of Carbon Monoxide, Nitrogen Oxides, and Volatile Organic Compounds. The facility also has the potential to emit over 10 tons per year of Carbon Tetrachloride, Chloroform, Methanol, and Methyl Methacrylate; and over 25 tons per year of aggregate HAPs. Due to this facility's 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's 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.

This facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR6	Open burning prohibited.
	45CSR11	Standby plans for emergency episodes.
	45CSR13	Permits for Construction, Modification, Relocation and Operation of Stationary Sources
	WV Code § 22-5-4 (a) (14)	The Secretary can request any pertinent information such as annual emission inventory reporting.
	45CSR16	New Stationary Sources
	45CSR30	Operating permit requirement
	45CSR34	Emission Standards for Hazardous Air Pollutants

	40 C.F.R. Part 60 Subpart Kb	Tanks
	40 C.F.R. Part 60 Subpart NNN	Synthetic Organic Chemical Manufacturing Industry Distillation Operations
	40 C.F.R. Part 61	Asbestos inspection and removal
	40 C.F.R. Part 63 Subpart WW	National Emission Standards for Storage Vessels
	40 C.F.R. Part 63 Subpart FFFF	Miscellaneous Organic NESHAP
	40 C.F.R. Part 65 Subpart C	Storage Vessels
State Only:	45CSR4	No objectionable odors.
	45CSR§21-40	VOC Emissions

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

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit (<i>if any</i>)
R13-1002E	5/21/2019	
R13-1628A	7/17/2007	
R13-2742	4/1/2008	
CO-R21-97-31	9/6/1997	
CO-R21-C-2001-10A(97)	04/10/2001	

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 is the fourth renewal of this permit and there have been no changes to the equipment in this manufacturing unit since the previous renewal.

The following changes have been made as part of this Title V Renewal:

- **Section 1.0**
 - Emission Unit IDs ACR201 and ACR202 were moved from the MMA section of the equipment table to the Higher Monomers section of the equipment table by request of the facility.

- **Sections 2.0 and 3.0 – The Title V Boilerplate**

- Conditions 2.1.3, 2.11.4, 2.17, 2.22.1, 3.1.6, 3.3.1, 3.5.3, 3.5.4, 3.5.7, and 3.5.8 were updated to the most recent version of the Title V Boilerplate.

- **Section 4.0**

- Equation 1 and Table 1 in condition 4.2.5 were updated to the most recent version of 40 C.F.R. 60 Subpart NNN.
- Conditions 4.5.3 and 4.5.4 were updated to the most recent version of 40 C.F.R. §60.115b(a).
- 40 C.F.R. §60.115b(e) was added as condition 4.5.10.

Non-Applicability Determinations

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

1. **40 C.F.R. Part 64 - Compliance Assurance Monitoring (CAM)**

Chemours' Group 3 of 5 Permit does not have a pollutant specific emissions unit (PSEU) for any pollutant meeting the applicability requirements of 40 C.F.R. §64.2 and therefore does not need to have submitted a CAM plan in accordance with the CAM rule.

This facility is not subject for the following reason:

40CFR§64.2(a)(3) - The facility does not have a PSEU with potential pre-control device emissions equal to or greater than 100 percent of the amount, in tons per year, of any pollutant that would require the facility to be classified as a major source.

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: January 30, 2025

Ending Date: March 3, 2025

Point of Contact

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

Nikki B. Moats
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/414-1282
Nikki.b.moats@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.