

# Fact Sheet



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

This Fact Sheet serves to address the changes specific to this Significant Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on October 1, 2021.

Permit Number: **R30-10700182-2021 (Part 2 of 14)**  
Application Received: **July 1, 2022**  
Plant Identification Number: **03-54-10700182**  
Permittee: **The Chemours Company FC, LLC**  
Facility Name: **Washington Works**  
Mailing Address: **PO Box 1217, Washington, WV 26181**

Permit Action Number: SM01      Revised: January 31, 2023

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Physical Location: Washington, Wood County, West Virginia  
UTM Coordinates: 442.310 km Easting • 4,346.800 km Northing • Zone 17  
Directions: Taking the Route 50 Bypass around Parkersburg from I-77, take the DuPont Road exit which is the last exit prior to leaving West Virginia. At the bottom of the exit ramp turn left on to DuPont Road. Chemours Washington Works is approximately ½ mile on DuPont Road on the right hand side.

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## Facility Description

Within the Fluoropolymers Business Unit, there are the following Fluoroproduct production areas: C1, C2, C3, T1-T4 and T7, T5, and T6. Each area produces a product or family of products by varying operating conditions and small adjustments to raw material ratios or material feed rates.

## Emissions Summary

This modification results in no emission changes.

## 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 pollutants, over 10 tons per year of an individual HAP, and over 25 tons per year aggregate HAPs. Therefore, Chemours Washington Works 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:	45CSR13	Construction/modification permits
	45CSR18	Prevent and control emissions from Commercial and Industrial Solid Waste Incineration Units (CISWI).
	45CSR30	Operating permit requirement.
State Only:	N/A	

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> )
R13-1823N	08/25/2022	

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 Title V significant modification incorporates changes made in permit R13-1823N and in state rule 45CSR18.

Section 7.1.5. has been changed to include Acid Gas to the scrubber description. 'Minimum' removed from the pressure drop description and 'CISWI' removed from the monitoring requirement

Section 7.1.15 has been revised to:

'The permittee shall ~~meet~~comply with the following emission limitations of 45CSR18 for the thermal converter and associated scrubber (T7IMC).'

Changes were made to the Table in Section 7.1.15 so that the Table matches the limitations and requirements of 45CSR18 Table 45-18J.

The reference in Section 7.1.15 to Table 45-18F was changed to Table 45-18J. Also, because the opacity changed from 10 percent in Table 45-18F to 5 percent in Table 45-18J, the streamlining language that follows the table in 7.1.15 was changed.

Section 7.2.2.b. which required the permittee to monitor the minimum pressure drop across the wet particulate matter scrubber has been changed. 45CSR§18-9.6.c has been revised and now requires the permittee to establish operating limits for up to four operating parameters as described in sections 9.6.c.1 through 9.6.c.4. Since the permittee's scrubber is a wet acid gas scrubber to treat acid gases and is not a wet particulate matter scrubber to control particulate matter emissions as in 9.6.c.2, the 9.6.c.2. monitoring requirement does not apply but has been included in the permit because the applicant volunteered to have the pressure drop monitoring requirement in the permit. Additionally, the operating parameter established in the table for the minimum pressure drop across the wet scrubber has been deleted.

Sections 7.2.2.c and 7.2.2.d have grammatical changes.

### **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**

Beginning Date: December 14, 2022  
Ending Date: January 13, 2023

### **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 57<sup>th</sup> Street SE  
Charleston, WV 25304  
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.