

Fact Sheet



For Proposed 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 June 15, 2009.

Permit Number: **R30-10700001-2009 (9 of 14)**
Application Received: **June 10, 2010**
Plant Identification Number: **03-54-10700001**
Permittee: **E.I. duPont de Nemours & Company, Inc.**
Facility Name: **Washington Works, Filament Production**
Mailing Address: **P.O. Box 1217, Washington, WV 26181-1217**

Permit Action Number: *MM01* Revised: *Proposed*

Physical Location: Washington, Wood County, West Virginia
UTM Coordinates: 422.27 km Easting • 4,346.57 km Northing • Zone 17
Directions: Route 68 west from Parkersburg to intersection of Route 862. Continue
west on Route 862 with the plant being on the north side about one mile
from the intersection of Routes 68 and 862.

Facility Description

In the Filaments Production Unit (Part 9 of 14), various thermoplastic resins are melted and extruded to form monofilament and layered resin strand for use as thread or bristle. Resin pellets, consisting of any number of resins, are first blended in feed hoppers and/or tote bins to produce a homogeneous feed material. The bin or hopper is then directly placed upon any one of 19 extruders and the material fed directly from the bin to the extruder. The extruder melt-blends the polymers and extrudes the polymer into a long strand. After extrusion the strands are fed to a draw machine (which stretches and decreases the diameter of the strand). Finishing materials and surface additives are placed on the strand and it is fed to a conditioning unit to set the final properties of the strand. The final strand is either wound onto spools, packaged as "hanks" of fiber, or formed into bundles for shipment to off-site customers.

This modification involves the addition of a group of sources, the Spinner Cluster # 1, collectively referred to as F02 and the vent, also identified as F02; they were incorrectly removed from the Title V permit at

DuPont's request during the processing of the renewal application. The room air exhaust that comprises the majority of the vent and the sources remained in operation.

Emissions Summary

No change will result in the emissions as a result of this action.

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. 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, E.I. duPont de Nemours & Company, 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:	45CSR30	Operating permit requirement.
State Only:	N/A	

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, 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>)
N/A		

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

Determinations and Justifications

- The following changes were made to the permit;
1. Emission point F02 is added to Emission Units table in Section 1.1.
 2. In section 2.1.4 "monthly" is added.

3. In Section 3.1.3, citation is changed from 45CSR15 to 45CSR34 because 45CSR15 is repealed and 40 C.F.R. 61 has been incorporated in 45CSR34.
4. New language has been inserted in sections 3.5.3 and 3.5.5 for electronic submittal of annual certification to USEPA.
5. Citation has been added to section 4.1.1 to identify emission points (including F02) to which this section is applicable.
6. In Section 4.1.2, emission point F02 is added with applicable 45CSR7 Hourly Particulate Emission Limit; also citation has been added to section 4.1.2 to identify emission points (including F02) to which this section is applicable to.

Non-Applicability Determinations

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

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

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

U.K.Bachhawat
Title V Permit Writer
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304

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

U.K.Bachhawat
West Virginia Department of Environmental Protection
Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: 304/926-0499 ext. 1256 • Fax: 304/926-0478

Response to Comments (Statement of Basis)

(Choose) Not applicable.

OR

Describe response to comments that are received and/or document any changes to the final permit from the draft/proposed permit.