



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
AIR QUALITY PROGRAM

**TITLE V/STATE OPERATING PERMIT**

Issue Date: May 8, 2018      Effective Date: February 25, 2020  
Revision Date: February 25, 2020      Expiration Date:  
Revision Type: Modification, Significant

In accordance with the provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and 25 Pa. Code Chapter 127, the Owner, [and Operator if noted] (hereinafter referred to as permittee) identified below is authorized by the Department of Environmental Protection (Department) to operate the air emission source(s) more fully described in this permit. This Facility is subject to all terms and conditions specified in this permit. Nothing in this permit relieves the permittee from its obligations to comply with all applicable Federal, State and Local laws and regulations.

The regulatory or statutory authority for each permit condition is set forth in brackets. All terms and conditions in this permit are federally enforceable applicable requirements unless otherwise designated as "State-Only" or "non-applicable" requirements.

**TITLE V Permit No: 24-00009**

Federal Tax Id - Plant Code: 20-5915351-8

**Owner Information**

Name: DOMTAR PAPER COMPANY LLC  
Mailing Address: 100 W CENTER ST  
JOHNSONBURG, PA 15845

**Plant Information**

Plant: DOMTAR PAPER CO/JOHNSONBURG MILL  
Location: 24 Elk County      24801 Johnsonburg Borough  
SIC Code: 2621 Manufacturing - Paper Mills

**Responsible Official**

Name: GREG LINSCOTT  
Title: GENERAL MGR  
Phone (814) 965 - 2521

**Permit Contact Person**

Name: TONY CASILIO  
Title: ENVIRONMENTAL MGR  
Phone: (814) 965 - 6309

[Signature]

  
ERIC A. GUSTAFSON, NORTHWEST REGION AIR PROGRAM MANAGER

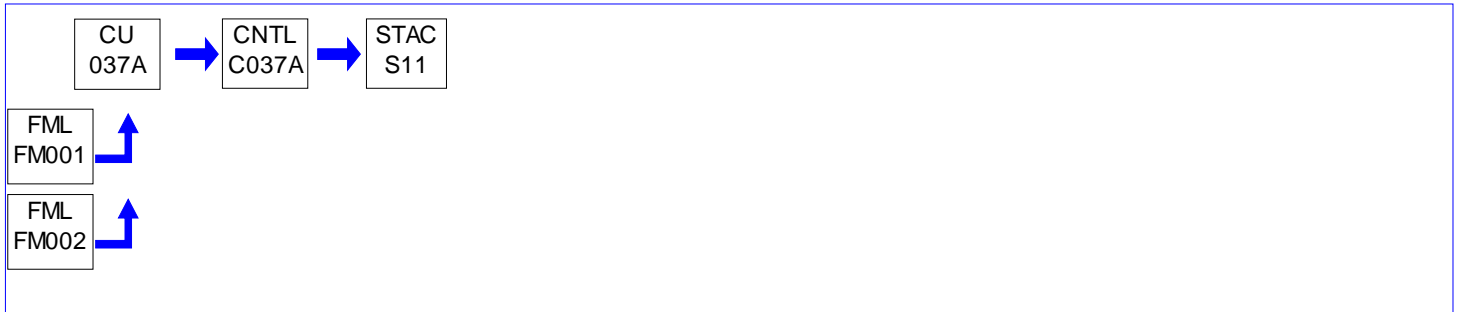


Pages 2 through 25 are redacted in full.

**SECTION D. Source Level Requirements**

Source ID: 037A

Source Name: CHEMICAL RECOVERY FURNACE



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**SECTION D. Source Level Requirements**

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**SECTION D. Source Level Requirements**

The conditions on this page are redacted.

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

# 010

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall use staged combustion air and good combustion practices for this source.

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II.]

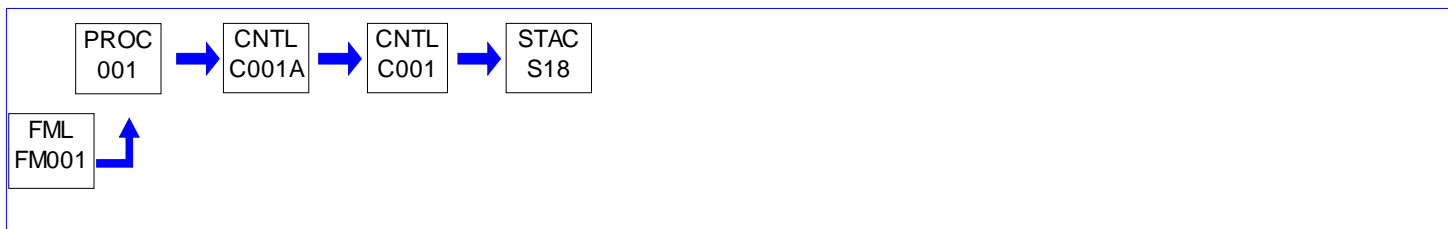
**SECTION D. Source Level Requirements**

Pages 30 through 44 are redacted in full.

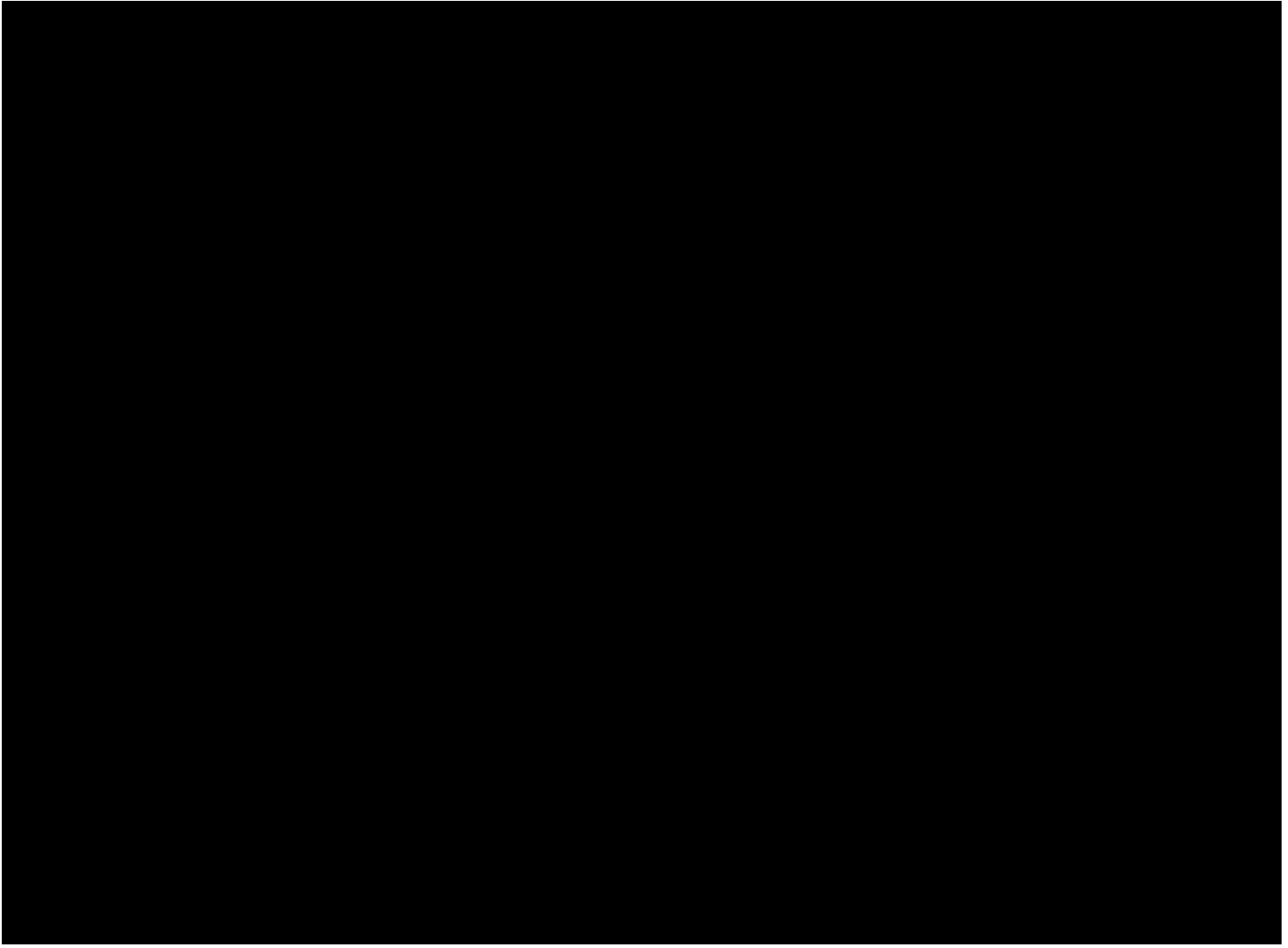
**SECTION D. Source Level Requirements**

Source ID: 001

Source Name: KRAFT MILL



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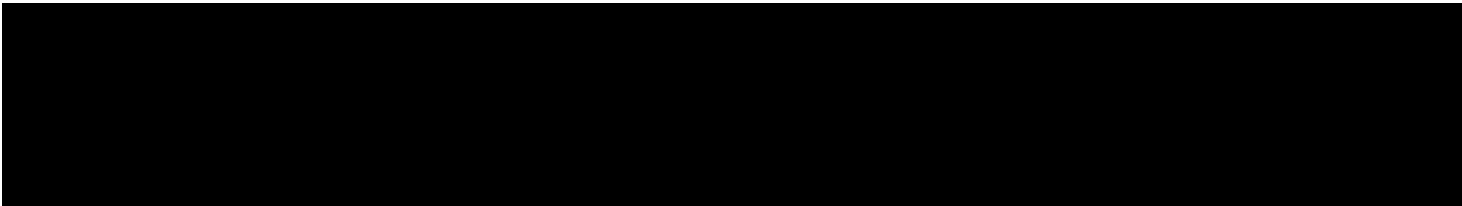
**SECTION D. Source Level Requirements****III. MONITORING REQUIREMENTS.**

# 006

**Alternative RACT proposal and petition for alternative compliance schedule.**

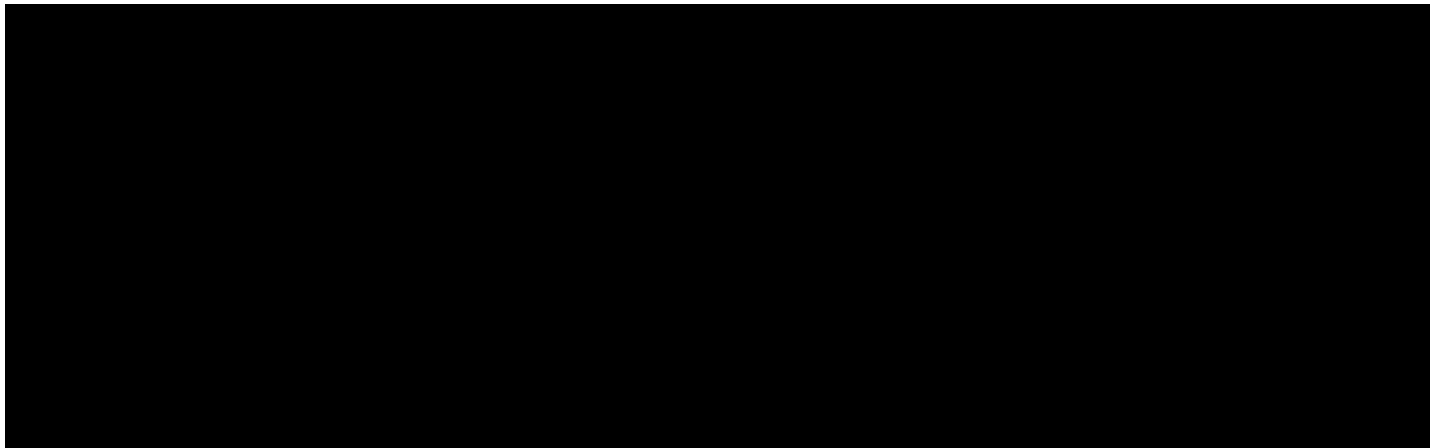
The permittee shall continuously monitor the NCG temperature and flow to ensure proper operation of venting to primary and secondary control devices.

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II.]



**SECTION D. Source Level Requirements**

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**SECTION D. Source Level Requirements**

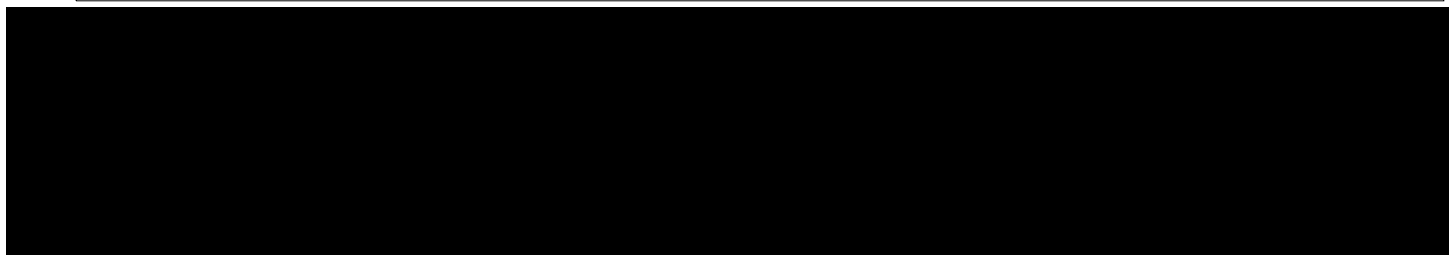
# 014

**Alternative RACT proposal and petition for alternative compliance schedule.**

(a) The source shall be operated according to good operating practices to minimize emissions of VOC.

(b) For this source, the permittee shall comply with applicable provisions of 40 CFR 63 Subpart S [National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry], which include leak detection and repair provisions to minimize emergency venting.

[Paragraphs (a) and (b) of this condition are derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II.]



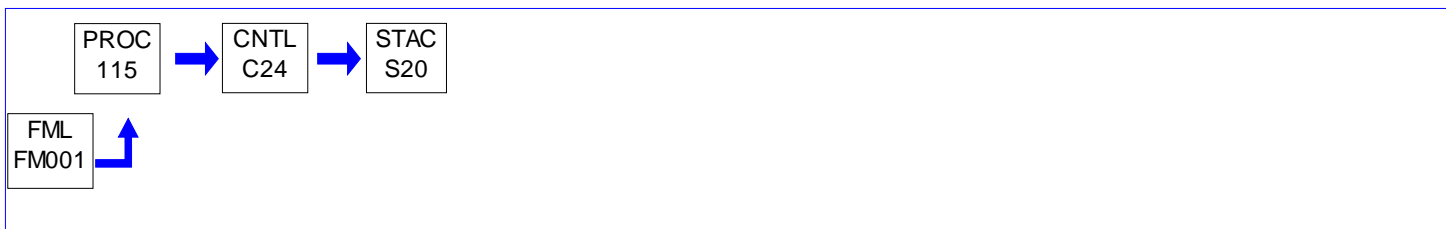


Pages 49 through 54 are redacted in full.

**SECTION D. Source Level Requirements**

Source ID: 115

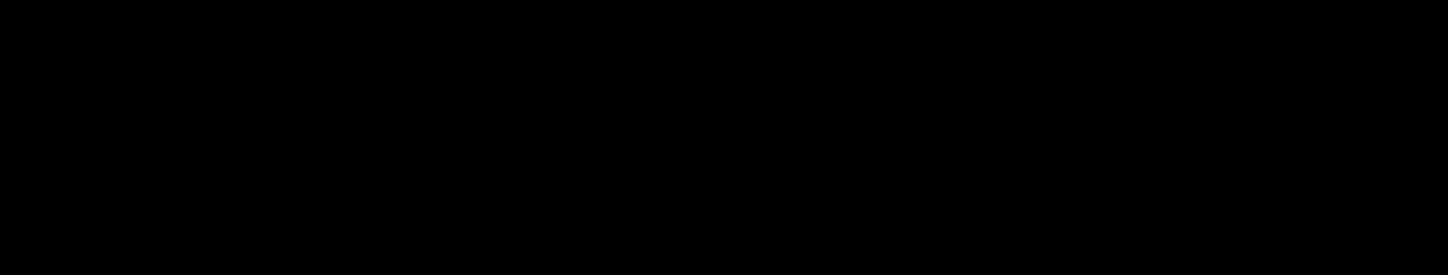
Source Name: LIME KILN (185 TPD)



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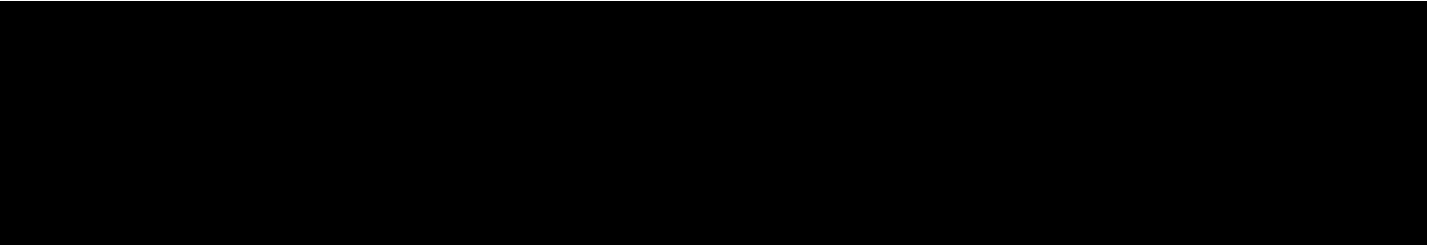
**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

# 008

**Alternative RACT proposal and petition for alternative compliance schedule.**

The source shall be operated according to good combustion practices.

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II for NOx emissions from the Lime Kiln.]



**SECTION D. Source Level Requirements**

Source ID: 119

Source Name: PAPER MACHINES

Source Capacity/Throughput:

50.000 Tons/HR

PAPER

PROC  
119STAC  
Z001**III. MONITORING REQUIREMENTS.**

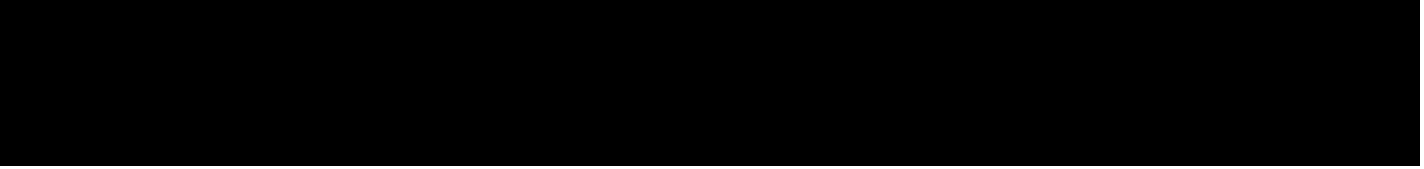
# 002

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall monitor and record the following parameters daily.

- (a) the moisture content of the paper web entering the drying process, and
- (b) the vacuum pressure at the wet end of the paper machine.

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II.]

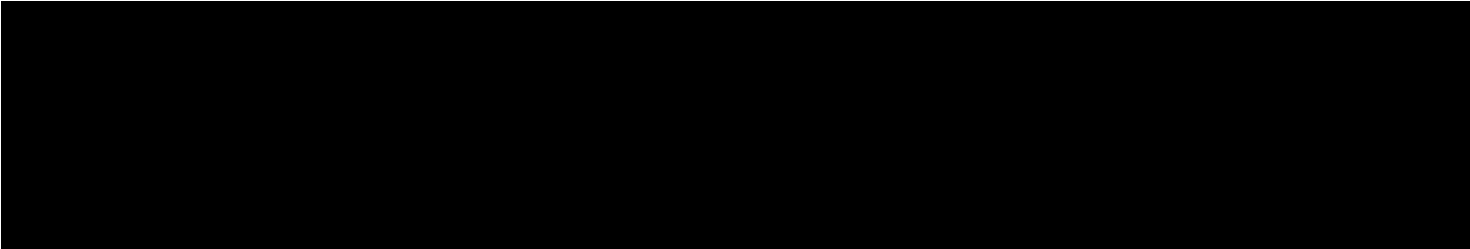
**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

# 006

**Alternative RACT proposal and petition for alternative compliance schedule.**

- (a) This source shall be operated according to good operating practices to minimize emissions of VOC.
- (b) The permittee shall use low-VOC additives to the extent practicable.

[This condition is from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II.]



**SECTION D. Source Level Requirements**

Source ID: 120

Source Name: WASTEWATER TREATMENT PLANT (14 MGD)

Source Capacity/Throughput: 583,500.000 Gal/HR

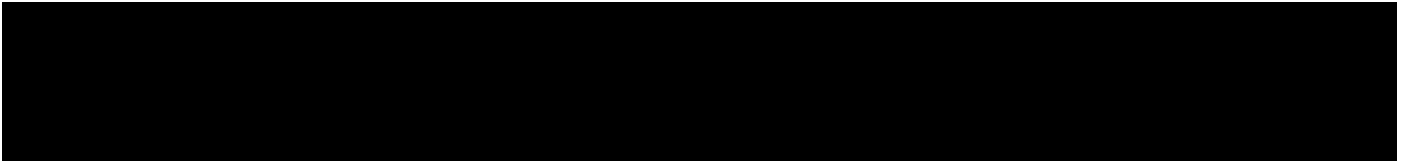
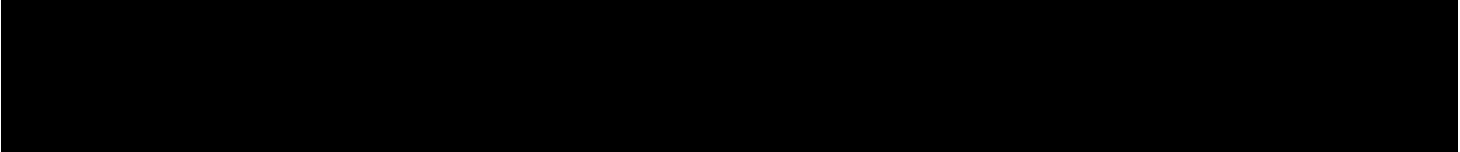
PROC  
120STAC  
Z001**III. MONITORING REQUIREMENTS.**

# 002

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall monitor and record daily the influent chemical oxygen demand (COD) and shall take corrective action when it is found to be outside of normal operating ranges.

[This condition is from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II for VOC emissions from the Wastewater Treatment Plant using influent COD as an indicator of wastewater VOC content.]

**SECTION D. Source Level Requirements****VI. WORK PRACTICE REQUIREMENTS.**

# 007

**Alternative RACT proposal and petition for alternative compliance schedule.**

This source shall be operated according to good operating practices to minimize emissions of VOC.

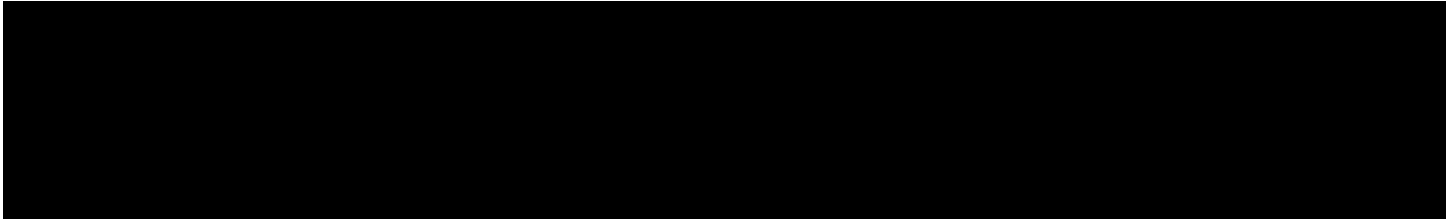
[This condition is from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II for VOC emissions from the Wastewater Treatment Plant.]

# 008

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall comply with applicable provisions of 40 CFR Part 63 Subpart S [National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry], which include treatment of high-VOC process condensates to remove organic HAP prior to the wastewater treatment plant.

[This condition is from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II for VOC emissions from the Wastewater Treatment Plant.]



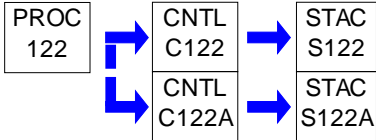


Pages 62 and 63 are redacted in full.

**SECTION D. Source Level Requirements**

Source ID: 122

Source Name: BLEACH PLANT



The conditions on this page are redacted.

**SECTION D. Source Level Requirements**

# 005

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall monitor & record the following parameters for this source.

- scrubber pressure drop;
- liquid flow rate of the scrubber;
- pH of the scrubber solution.

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II.]

The remaining conditions on this page are redacted.

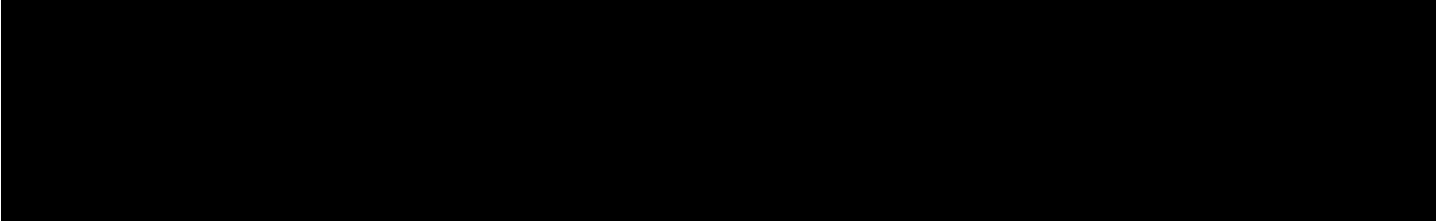
**SECTION D. Source Level Requirements**

# 012

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall employ good operating practices and comply with applicable provisions of 40 CFR Part 63 Subpart S [National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry].

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II.]



**SECTION D. Source Level Requirements**

Source ID: 123

Source Name: LIQUOR CLARIFIERS

Source Capacity/Throughput:

1.000 Tons/HR

GREEN &amp; WHITE LIQUOR

PROC  
123STAC  
Z001

Conditions 001 through 004 on this page are redacted.

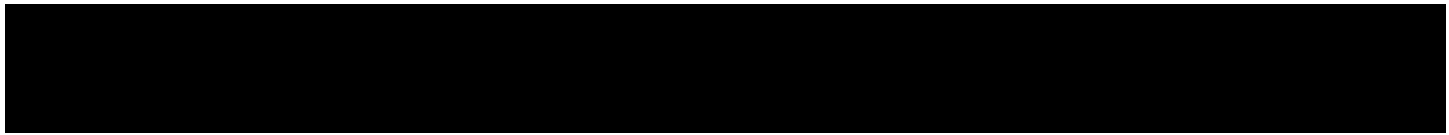
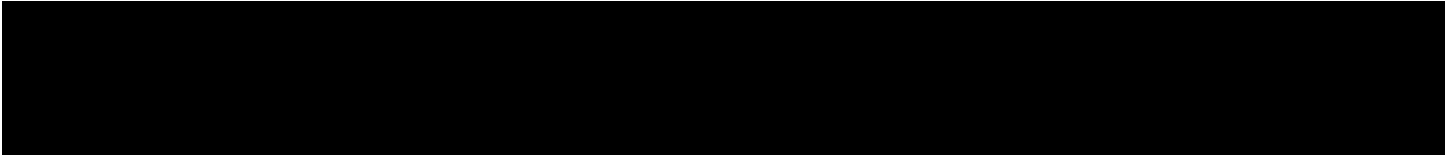
# 005

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall record preventative maintenance activities associated with the Green Liquor Clarifier and the Slaker and Recauticizers.

**SECTION D. Source Level Requirements**

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II for VOC emissions from the Green Liquor Clarifier and the Slaker and Reausticizers.]

**VI. WORK PRACTICE REQUIREMENTS.**

# 007

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall operate and maintain the sources in accordance with manufacturers' specifications.

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II for VOC emissions from the Green Liquor Clarifier and the Slaker and Reausticizers.]



**SECTION D. Source Level Requirements**

Source ID: 124

Source Name: LIME MUD HANDLING SYSTEM

Source Capacity/Throughput: 1.000 Tons/HR

PROC  
124STAC  
Z001

The conditions on this page are redacted.

**SECTION D. Source Level Requirements**

# 005

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall record preventative maintenance activities associated with the Lime Mud Collection Tank and the Lime Mud Storage Tank.

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II for VOC emissions from the Lime Mud Collection Tank and the Lime Mud Storage Tank.]

**VI. WORK PRACTICE REQUIREMENTS.**

# 007

**Alternative RACT proposal and petition for alternative compliance schedule.**

The permittee shall operate and maintain the sources in accordance with manufacturers' specifications.

[This condition is derived from the December 24, 2019, Department approval of the 25 Pa. Code § 129.99 alternative RACT II for VOC emissions from the Lime Mud Collection Tank and the Lime Mud Storage Tank.]



Pages 71 through 245 are redacted in full.