



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM

TITLE V/STATE OPERATING PERMIT

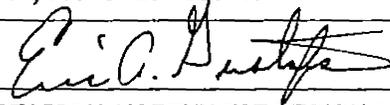
Issue Date: May 21, 2019 Effective Date: February 18, 2020
Revision Date: February 18, 2020 Expiration Date: XXXXXXXXXX
Revision Type: Modification, Significant

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: 61-00011

Federal Tax Id - Plant Code: 76-0083036-1

Owner Information
Name: SASOL CHEM USA LLC Mailing Address: 292 STATE ROUTE 8 OIL CITY, PA 16301-5626
Plant Information
Plant: SASOL CHEMICALS (USA) LLC Location: 61 Venango County 61910 Cornplanter Township SIC Code: 2869 Manufacturing - Industrial Organic Chemicals, Nec
Responsible Official
Name: DAVID R. MCFETRIDGE Title: PLANT MANAGER Phone (814) 677 - 2028 Ext.6205
Permit Contact Person
Name: LEE E WILSON Title: MGR SHES Phone: (814) 677 - 2028 Ext.6217
[Signature]  ERIC A. GUSTAFSON, NORTHWEST REGION AIR PROGRAM MANAGER



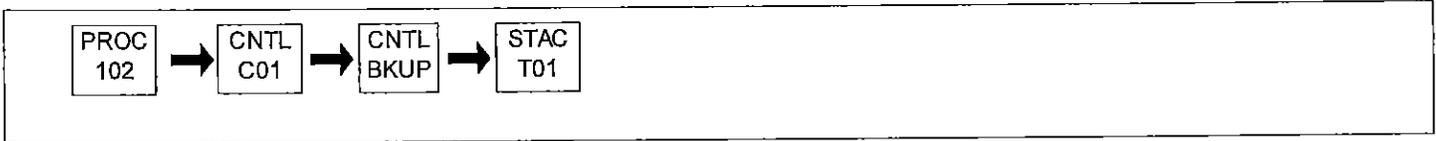
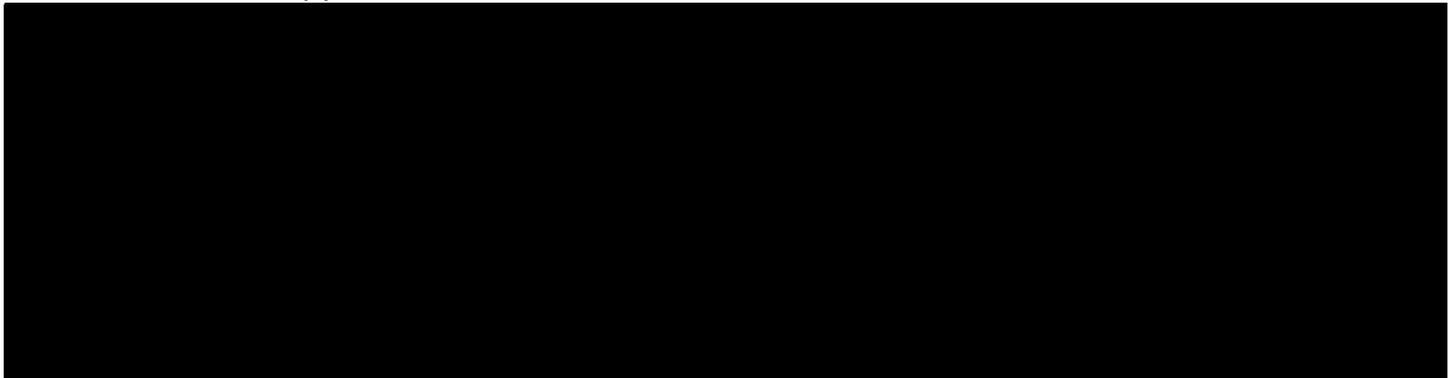
Pages 2-31, 33-34, 36-37, 39, and 43- 132 are redacted entirely.

**SECTION D: Source Level Requirements**

Source ID: 102

Source Name: KRYSTAL UNIT NORTH & SOUTH DRYERS

Source Capacity/Throughput:

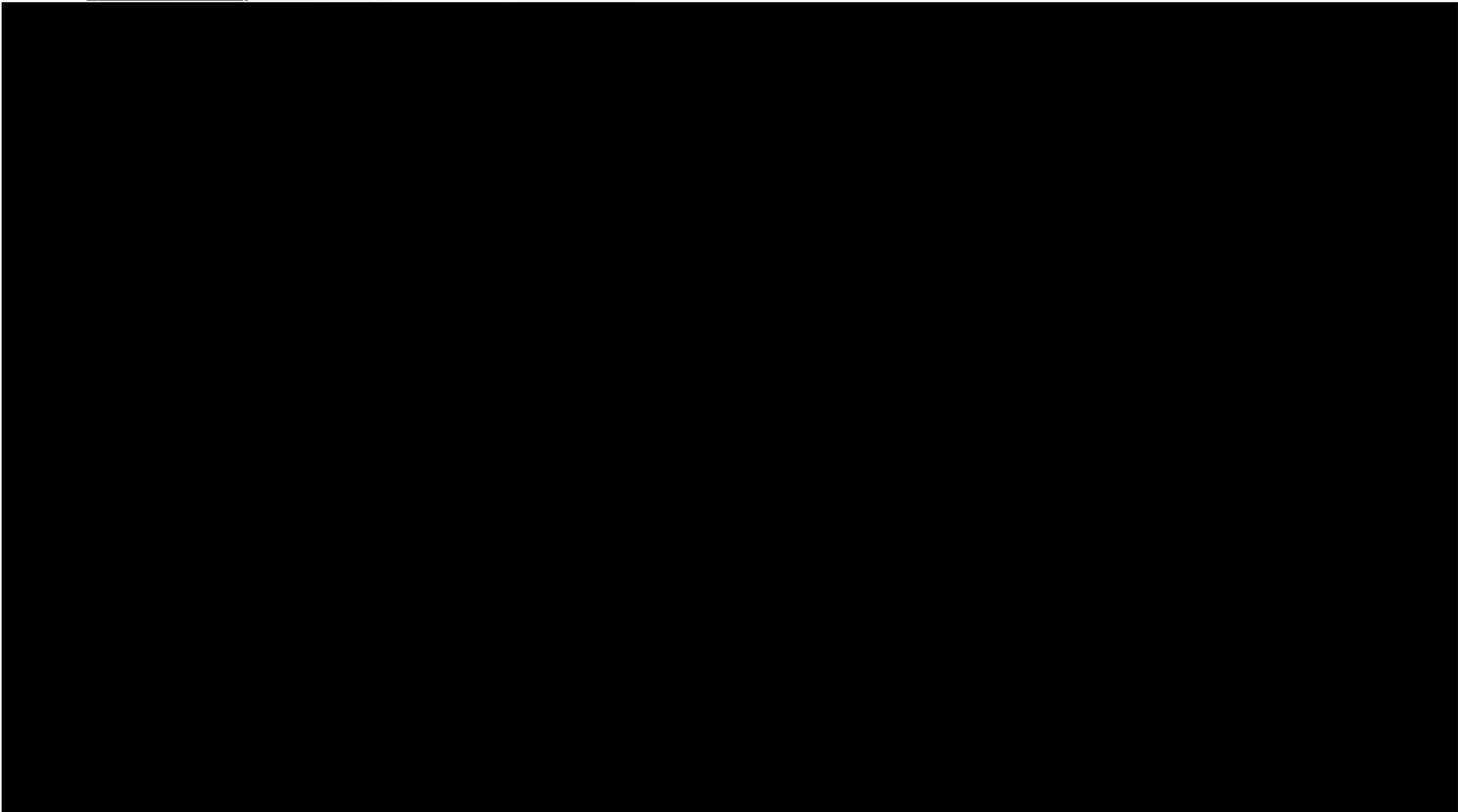
**I. RESTRICTIONS.****Emission Restriction(s).**

003

Alternative RACT proposal and petition for alternative compliance schedule.

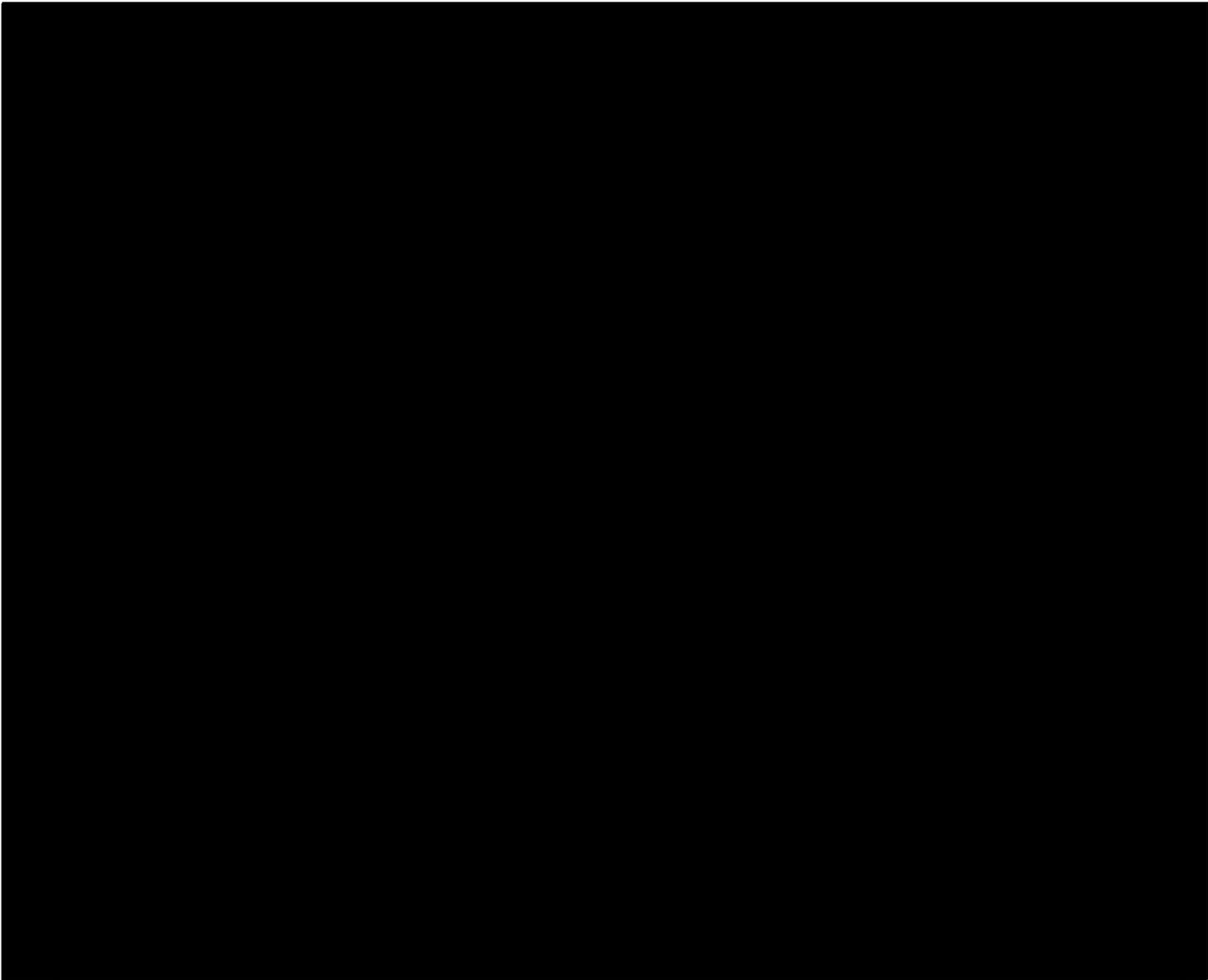
VOC bypass emissions from Source 102 shall not exceed 8.9 TPY (based on a 12-month rolling total).

[Compliance with this RACT II Case-by-Case emission limitation is demonstrated through compliance with the RACT II Case-by-Case work practice requirement of 292-hr/yr (12-month rolling) for emergency bypass for this source.]





SECTION 1 Source Level Requirements

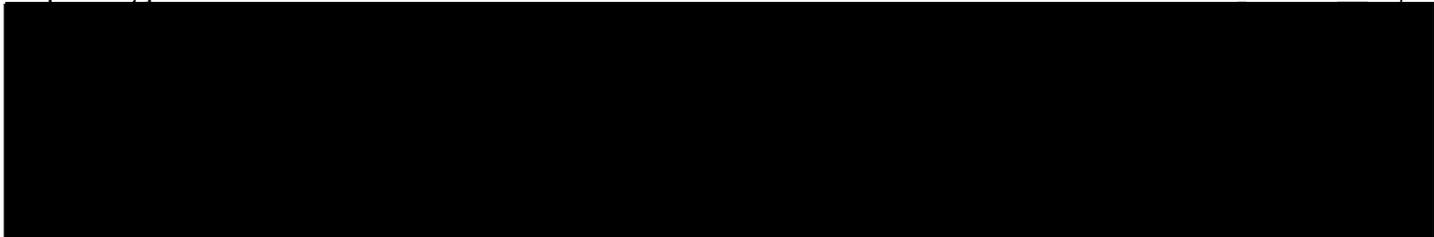


013

Compliance demonstration and recordkeeping requirements.

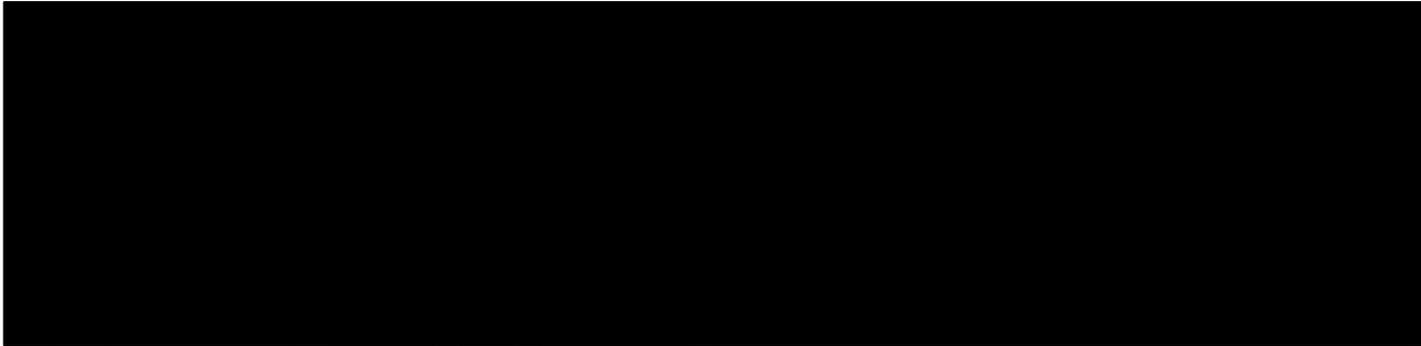
The records for demonstration of compliance with emission limits and requirements established pursuant to § 129.99 shall be retained by the owner or operator for 5 years and made available to the Department or appropriate approved local air pollution control agency upon receipt of a written request from the Department or appropriate approved local air pollution control agency.

[Authority from this condition is derived from § 129.100(j). These records include PA 61-011, Condition #12 (see Condition #007 for this source) & CAM-related recordkeeping requirement using Data Acquisition System (see Condition #012 for this source).]





SECTION D. Source Level Requirements

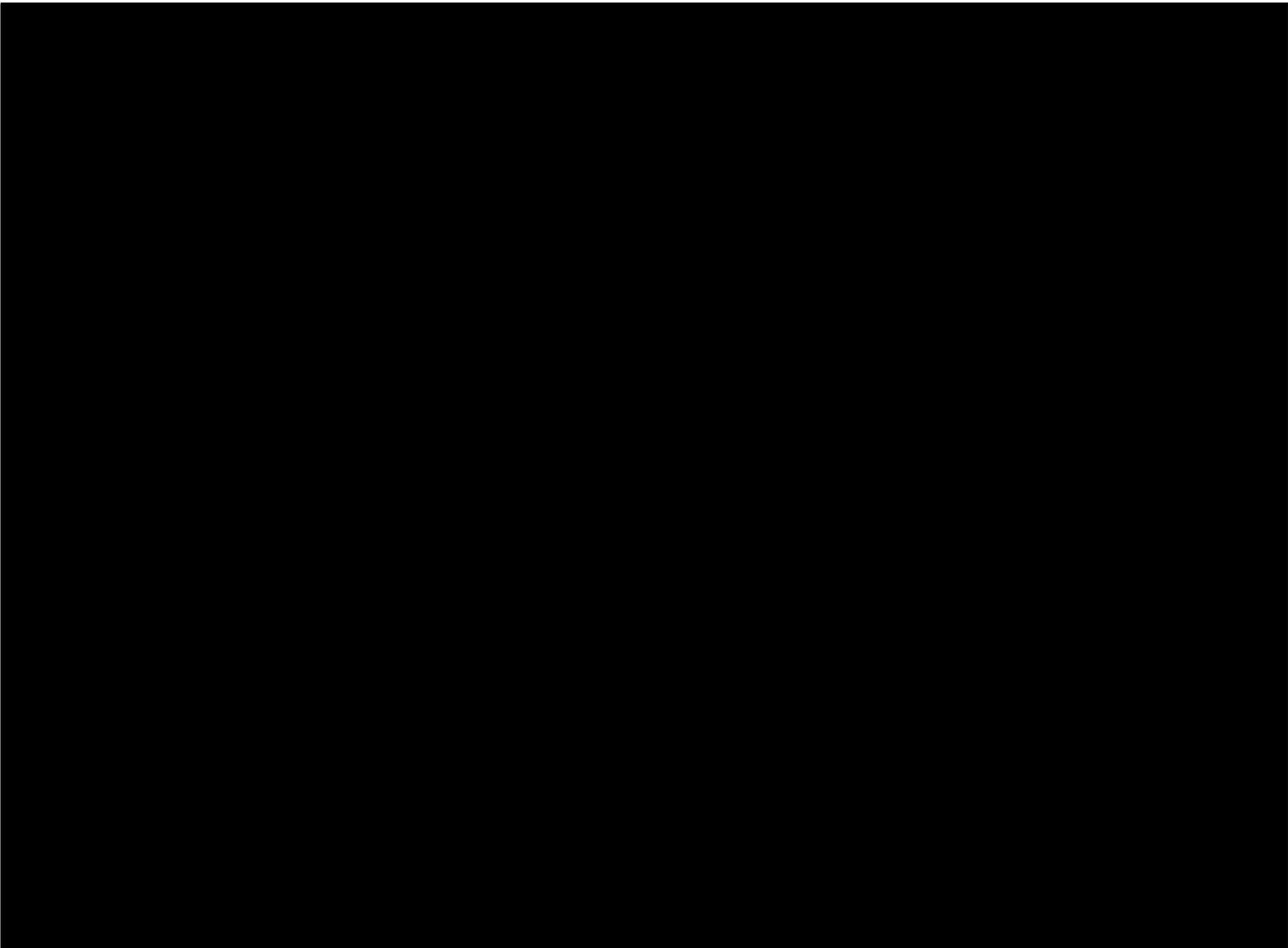


021

Alternative RACT proposal and petition for alternative compliance schedule.

The exhaust gas from Source 102 shall be ducted to the Eclipse Heater at all times except for emergency bypass, which shall not exceed 292 hours per year (based on a 12-month rolling total).

[Compliance with this condition assures compliance with the 876-hr/year restriction for emergency bypass pursuant to PA 61-011A, Condition #10 & this source's original CAM-related requirement.]





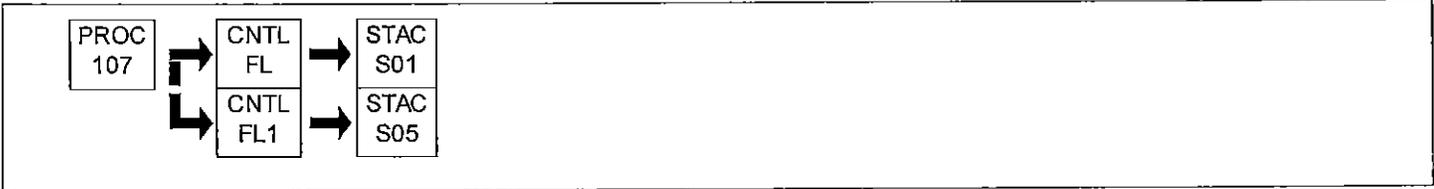
SECTION D: Source Level Requirements

Source ID: 107

Source Name: 314 & 340 DISTILLATION COLUMN VENTS

Source Capacity/Throughput:

Conditions for this source occur in the following groups: CAM - SOURCES 107, 175

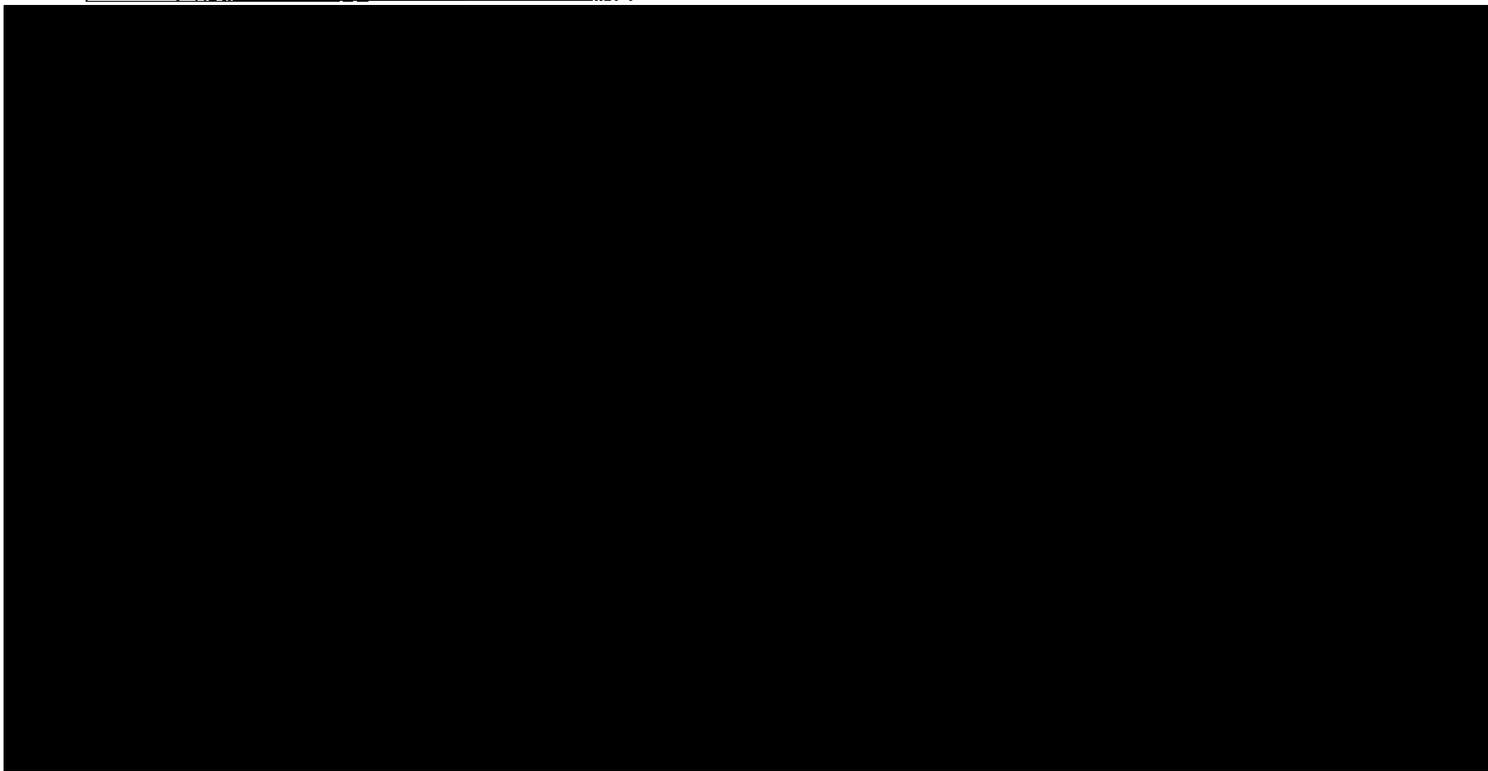


I. RESTRICTIONS.

Emission Restriction(s).



003 [REDACTED]
 Alternative RACT proposal and petition for alternative compliance schedule.
 VOC bypass emissions from Source 107 shall not exceed 13.2 TPY (based on a 12-month rolling total).
 [Compliance with this RACT II Case-by-Case emission limitation is demonstrated through compliance with the RACT II Case-by-Case work practice requirement of 5% of distillation operating hours for emergency bypass for this source.]





SECTION D Source Level Requirements

007

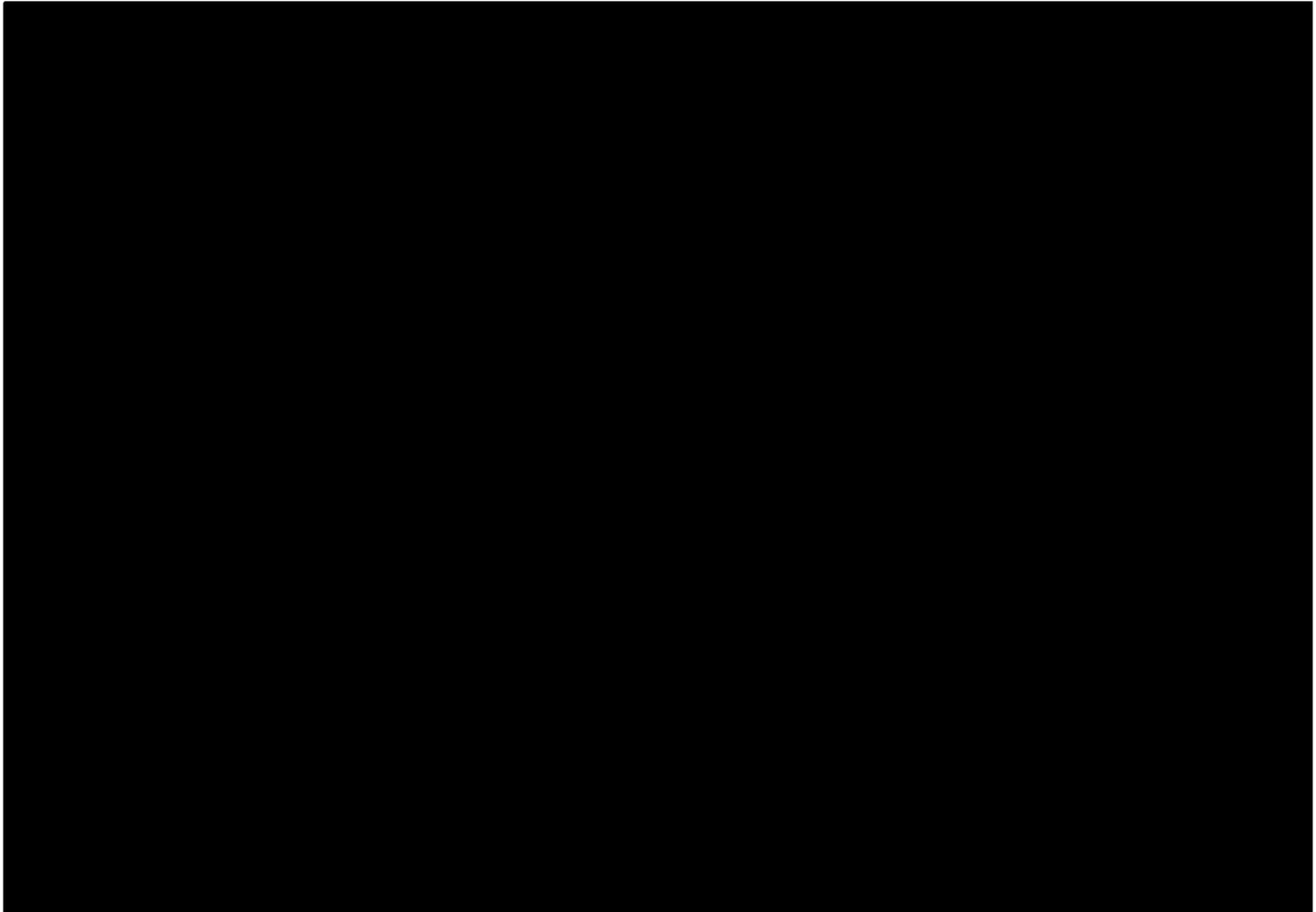
Compliance demonstration and recordkeeping requirements.

The records for demonstration of compliance with emission limits and requirements established pursuant to § 129.99 shall be retained by the owner or operator for 5 years and made available to the Department or appropriate approved local air pollution control agency upon receipt of a written request from the Department or appropriate approved local air pollution control agency.

[Authority from this condition is derived from § 129.100(i). The required recordkeeping is included in the RACT II Case-by-Case work practice requirement (see Condition #11 for this source).]



SECTION B: Source Level Requirements



#011

Alternative RACT proposal and petition for alternative compliance schedule.

(a) The company shall limit atmospheric bypass time to 5% of distillation operating hours to minimize annual startup, shutdown, and malfunction emissions. Atmospheric bypass time shall be monitored and recorded at least twice per shift. Any atmospheric bypass or flare "flame out" incident exceeding 48 hours shall be verbally reported to the Department within 24 hours. A written account of such events including the corrective measures shall be provided to the Department semi-annually.

[Compliance with this condition assures compliance with the 10% of distillation operating hours requirement for emergency bypass pursuant to RACT # OP 61-00011, Condition #12 (§ 129.92) & with the provisions in PA 61-011B, Condition #13.]

(b) Annual out-of-service inspections and periodic in-service inspections shall be performed on this source (314 & 340 Distillation Columns) and associated equipment. Based on these inspections, maintenance will be performed as required to minimize air leaks into the system to reduce high oxygen conditions in the vent system that can cause atmospheric bypass.