

PERMIT CONDITIONS

PERMIT NO.: OP-59-0007

COMPANY: OSRAM SYLVANIA Products, Inc.

3. If at any time the permittee causes, permits or allows any modification (as that term is defined in Chapter 121 of Title 25, the Rules and Regulations of the Department of Environmental Protection) of the aforementioned air contamination sources, the operation and use of which is authorized by this permit, or causes, permits or allows any modifications, malfunction or removal of any air pollution control device required as a condition of this permit, then and in that event, this permit shall be suspended, and the permittee shall not thereafter continue to operate or use said air contamination sources.
4. This operating permit incorporates Reasonably Available Control Technology (RACT) determinations as required by the provisions of Title I of the Clean Air Act Amendments and 25 Pa. Code Sections 129.91 through 129.95 for the following sources:
 - a. one 89,500,000 Btu per hour natural gas-fired regenerative glass furnace (Tank No. 42)
 - b. three natural gas-fired forehearths (Nos. 421, 422 and 423)
 - c. five natural gas-fired lehrs (designated as #421, #422, #423, "ceramic" and "cutoff")
 - d. one natural gas-fired frosting waste rotary dryer
 - e. two 16,700,000 Btu per hour natural gas-fired Cleaver Brooks boilers
 - f. 41 natural-gas fired space heaters, hot water heaters, etc.
5. Pursuant to the RACT provisions of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the company shall operate the combustion ratio control system associated with the glass furnace identified in condition 4a herein so as to maintain optimum combustion conditions within the furnace. Additionally, the company shall continue its maintenance, repair and upgrade program for the respective glass furnace as described in Section B4 of the RACT application. The respective glass furnace shall also be operated in accordance with good air pollution control practices.
6. Pursuant to the RACT provisions of Sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, the NO_x (expressed as NO₂) emissions from the glass furnace identified in condition 4a herein shall never exceed 375.3 tons in any 12 consecutive month period.
7. Pursuant to the presumptive RACT provisions of Section 129.93(c) of Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, all sources identified in conditions 4b, 4c, 4d, 4e and 4f herein shall be maintained and operated in accordance with the manufacturer's specifications. Additionally, the respective sources shall be operated in accordance with good air pollution control practices.

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8. The company shall maintain comprehensive, accurate records of the following:
- tons of glass processed per month in the glass furnace identified in condition 4a herein.
 - total combined volume of natural gas burned per calendar year in the sources identified in conditions 4b, 4c, 4d and 4f herein.
 - total combined volume of natural gas burned per calendar year in the boilers identified in condition 4e herein.

These records shall be retained for a minimum of two years and shall be made available to the Department upon request. The Department reserves the right to expand the list contained in this condition.

Conditions 9 through 12 herein pertain to the frosting waste rotary dryer identified in condition 4d herein which previously operated pursuant to Operating Permit #59-309-006 (which is hereby being superseded by the issuance of this RACT operating permit).

- This operating permit is issued for the operation of a frosting waste rotary dryer, the air contaminant emissions from which are controlled by a DCE Vokes fabric collector.
- The operation of the aforementioned source(s) shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in Section 123.1 or particulate matter in excess of the limitations specified in Section 123.13, both Sections of Chapter 123 of Article III of the Rules and Regulations of the Department of Environmental Protection, or in the emission of these contaminants or any other type of air contaminant in excess of the limitations specified in, or established pursuant to, any other applicable rule or regulation contained in Article III.
 - The storage and handling of the material collected in the air cleaning device(s) associated with the aforementioned source(s) shall not at any time result in the emission of fugitive air contaminants in excess of the limitations specified in Section 123.1 of Chapter 123 of the Rules and Regulations of the Department of Environmental Protection.
 - The company shall keep on hand a sufficient quantity of spare fabric collector bags for the fabric collector(s) associated with the aforementioned source(s) in order to be able to immediately replace any bags requiring replacement due to deterioration resulting from routine operation of the sources(s) and fabric collector(s).

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13. The company shall perform two nitrogen oxide source tests (each test consisting of at least three source test runs) on the glass furnace identified in condition 4a herein. The two source tests shall be performed between two and two and a half years after issuance of this operating permit and between four and four and a half years after issuance of this operating permit respectively. All testing performed pursuant to this condition shall be performed in accordance with all applicable requirements specified in Chapter 139 of Article III of the Rules and Regulations of the Department of Environmental Protection while the furnace is being operated at its maximum capacity and results of the testing shall be submitted to the Department in the form of a test report within 60 days of the performance of the testing. Additionally, a pre-test protocol or plan shall be submitted to the Department for evaluation at least 45 days in advance of test performance and the Department shall be given at least 14 days advance notice of the specific date upon which the testing is to be performed so that Department personnel can arrange to be present during testing.
14. The operation of the aforementioned sources shall at all times be conducted in conformance with all conditions contained herein and, additionally, shall not at any time result in the emission of any air contaminant in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection.

The company shall immediately notify the Department of any malfunction of the source(s) or associated air cleaning device(s) which results in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in, or established pursuant to, any applicable rule or regulation contained in Article III of the Rules and Regulations of the Department of Environmental Protection or in excess of the limitations specified in any condition contained herein or which otherwise results in, or may possibly be resulting in, noncompliance with the requirements specified in any condition contained herein.

16. If a subject source is taken out of operation for a period of one year or more during the term of this operating permit, the permittee shall not thereafter resume operation of the respective source in a manner which is contrary to the requirements specified in Section 127.11a of Chapter 127 of Article III of the Rules and Regulations of the Department of Environmental Protection.
17. This operating permit is valid for a limited period of time and may be renewed before its expiration. Requests for an operating permit renewal must be in writing and must be accompanied by the appropriate permit application processing and annual permit administration fees as specified in Section 127.703 of the Rules and Regulations of the Department of Environmental Protection. These fees shall be paid in the form of a check payable to the "Commonwealth of Pennsylvania - Clean Air Fund". The request should be made using the appropriate application form and must be received by the Department along with a completed Air Pollution Control Act Compliance Review form no later than January 1, 2003.

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Additional annual operating permit administration fees may also be required pursuant to Section 127.703. If required, these fees are to be paid by no later than January 31, 1999, January 31, 2000, January 31, 2001 and January 31, 2002. The administration fee is to be submitted with an Annual Operating Permit Administration Fee Transmittal form.

All necessary forms can be obtained from the Department upon request.

18. Any notification required as a result of any condition herein should be directed to: Steven Schulte, Air Quality Specialist, 600 Gateway Drive, Mansfield, PA 16933-9000, telephone (717) 662-0835.

