

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
BUREAU OF AIR QUALITY CONTROL

MAY 9 1994

OPERATING PERMIT
(RENEWAL)

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and Section 127.24 of Chapter 127 of the rules and regulations of the Department of Environmental Resources, the Department hereby reissues this permit for the operation of the air contamination source(s) described below:

Permit No.:	<u>14-309-037A</u>	Source &	<u>glass melting furnace (Tank</u>
Owner:	<u>Corning Asahi Video Products Co.</u>	Air	<u>223) controlled by a United</u>
		Cleaning	<u>McGill model 5-900</u>
Address:	<u>P.O. Box P-9</u>	Device:	<u>electrostatic precipitator</u>
	<u>State College, PA 16801</u>		
Attn:	<u>Stephen S. Groves</u>	Location:	<u>College Township</u>
	<u>Plant Manager</u>		<u>Centre County</u>

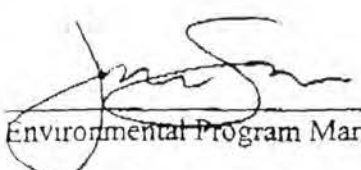
This permit is subject to the following conditions:

1. That the source(s) and any associated air cleaning device(s) are to be:
 - a. operated in such a manner as not to cause air pollution;
 - b. in compliance with the specifications and conditions of the applicable plan approval(s) issued;
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.

See attached for additional conditions.

Failure to comply with the conditions placed on this permit is a violation of Section 127.25. Violation of this or any other provision of Article III of the rules and regulations of the Department of Environmental Resources will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued: **MAY 5 1994** ✓
Expires: ~~10/31/98~~ ✓


Environmental Program Manager

cc: Harrisburg
File
Hawk Run

CEMS #14

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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 Resources) of the aforementioned air contamination source(s), 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 source(s).
4. The aforementioned source(s) may be operated and used only so long as any associated air pollution control devices are operated and maintained in accordance with the specifications set forth in the respective plan approval(s), and the application(s) submitted for said plan approval(s) (as approved by the Department), and in accordance with any conditions set forth herein.
5. This operating permit supersedes all previously issued operating permits and temporary operating permits bearing the same number.
6. This operating permit also serves as a Prevention of Significant Deterioration (PSD) permit issued pursuant to the provisions of 40 CFR 52.21.
7. This operating permit is issued for the operation of a glass melting furnace identified as Tank 223, the air contaminant emissions from which are controlled by a United McGill 5-900 electrostatic precipitator, as well as for the operation of 2 associated lehrs.
8. Tank 223 and the 2 associated lehrs shall be fired only on natural gas.
9. Tank 223 shall not be operated at a fill rate in excess of the maximum fill rate specified in the application and supplemental materials submitted for plan approval to construct the tank.
- ~~10. The particulate matter emissions from Tank 223 shall not exceed .005 grains per dry standard cubic foot, the lead emissions shall not exceed .22 pounds per hour, the fluoride emissions shall not exceed 5.0 pounds per hour or 11.4 tons per year and the carbon monoxide emissions shall not exceed 100 pounds per hour or 280.3 tons per year.~~

~~Additionally, the lead emissions (including any lead emissions from Tanks 221 and 222 resulting from production above the baseline production levels specified for those furnaces in the application and supplemental materials submitted for plan approval to construct Tank 223 which is attributable to the existence of Tank 223) shall not equal or exceed .6 tons per year, the combined nitrogen oxides emissions from Tank 223, the two associated lehrs and Tanks 221 and 222 shall not equal or exceed 2231 tons per year and the emission of any air contaminant not specifically addressed herein shall be as specified in the application and supplemental materials submitted for plan approval to construct Tank 223.~~

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- ~~11. The fluoride (fluorspar) addition rate to Tank 223 shall not exceed that existing during the fluoride stack testing performed on Tank 223 on April 24, 25 and 26, 1990 (as reported by the company in the test report submitted for this testing) unless the company has first demonstrated to the Department's satisfaction that compliance with the fluoride emission rate specified in condition 10 herein can be maintained at higher addition rates.~~
- ~~12. There shall be no additions of arsenic to Tank 223 unless approved by the Department.~~
13. Tank 223 is subject to Subpart CC of the Federal Standards of Performance for New Stationary Sources, 40 CFR 60.290-60.296. The company shall comply with all applicable requirements of this Subpart as well as any other applicable Subpart of the Standards of Performance, including any recordkeeping and reporting requirements. Pursuant to 40 CFR 60.4 of the Standards of Performance, the submission of all requests, reports, applications, submittals and other communications required by the Standards of Performance must be made to both the Department of Environmental Resources and the Environmental Protection Agency. The Environmental Protection Agency copies may be sent to:
- Director
Air Toxics and Radiation Division
U.S. EPA, Region III
841 Chestnut Street
Philadelphia, PA 19107
14. The company shall maintain and operate continuous nitrogen oxides emission and exhaust gas flow monitoring systems on Tank 223 as well as on Tanks 221 and 222 in accordance with all applicable requirements specified in Chapter 139 of Article III of the Rules and Regulations of the Department of Environmental Resources and the Department's "Continuous Source Monitoring Manual". This includes the performance of an acceptable System Performance/Relative Accuracy Test Audit on each monitoring system at least once every year (but no less than 6 months after the previous such audit).
- ~~15. The company shall maintain and operate a continuous opacity monitoring system on Tank 223 in accordance with all applicable requirements specified in Chapter 139 of Article III of the Rules and Regulations of the Department of Environmental Resources. This includes the performance of an acceptable System Performance/Relative Accuracy Test Audit on the monitoring system at least once every year but no less than 6 months after the previous such audit. The company~~

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- ~~shall submit opacity data to the Department for the determination of compliance with Section 123.41 of Chapter 123 and Section 139.103 of Chapter 139 of Article III of the Department's Rules and Regulations. The data shall be submitted in hard copy with one copy sent to Rhett McLaren, Air Quality Specialist, P.O. Box 209, Hawk Run, PA 16840 and one copy sent to John E. Archambault, Operations Chief, 200 Pine Street, Williamsport, PA 17701. These reports are due within 45 days of the end of each calendar quarter starting with the third quarter of 1994.~~
16. The company shall maintain comprehensive accurate records of furnace fill rate, fuel usage, cullet ratio, fluoride (fluorspar) addition rate and lead-bearing batch material addition rate for Tank 223 as well as the electrostatic precipitator inlet temperature and primary and secondary voltage and current and shall provide this information to the Department upon request.
 17. The operation of Tank 223 and the two associated lehrs shall not at any time result in the emission of any air contaminant in excess of the limitations specified in any condition contained herein, the limitations specified in Subpart CC of the Federal Standards of Performance of New Stationary Sources, 40 CFR 60.290-60.296, or 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 Resources.
 18. The company shall immediately notify the Department of any malfunction of Tank 223, the associated electrostatic precipitator or the two associated lehrs which results in, or may possibly be resulting in, the emission of air contaminants in excess of the limitations specified in any condition contained herein, the limitations specified in Subpart CC of the Federal Standards of Performance for New Stationary Sources, 40 CFR 60.290-60.296, or 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 Resources. Additionally, the company shall immediately notify the Department of any malfunction of a continuous emission monitoring system or any other piece of equipment which may be otherwise causing noncompliance with any condition contained herein or causing an inability to determine compliance with any condition contained herein.
 19. The company shall perform whatever stack tests upon Tank 223 and/or the two associated lehrs as may be deemed necessary by the Department. All such testing shall be conducted in accordance with the provisions of Chapter 139 of Article III of the Rules and Regulations of the Department of Environmental Resources and any other requirements which may be established by the Department.

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20. 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 unless a reactivation plan has first been submitted to, and approved by, the Department.
21. 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 a permit fee in the amount of four hundred dollars (\$400.00) payable to the "Commonwealth of Pennsylvania - Clean Air Fund" (\$200.00 application processing fee and \$200.00 annual administration fee). The request should be made on the attached Interim Application for Renewal of a Permit to Operate form and must be received by the Department along with a completed Air Pollution Control Act Compliance Review form no later than 10/1/98.

An annual operating permit administration fee of two hundred dollars (\$200.00) is also due no later than 10/31/94, 10/31/95, 10/31/96 and 10/31/97. The administration fee is to be submitted with an Annual Operating Permit Administration Fee Transmittal form.

22. Any notification required as a result of any condition herein should be directed to: Rhett McLaren, Air Quality Specialist, P.O. Box 209, Hawk Run, PA 16840, telephone (814) 342-0410.

