

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR QUALITY PROGRAM**

OPERATING PERMIT

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department hereby issues this permit for the operation of the air contamination source described below:

Permit No.	<u>54-0041</u>	Source &	<u>Manufacturing</u>
			<u>Aluminum Pigment</u>
Owner	<u>Silberline Manufacturing Co., Inc.</u>	Air	<u></u>
Address	<u>P. O. Box B</u>	Cleaning	<u></u>
	<u>Tamaqua, PA 18952</u>	Device	<u></u>
Attention:	<u>Ms. Jennifer L. Mikovich</u>	Location	<u>Hometown, Lincoln Drive</u>
	<u>Environmental Officer</u>		<u>Schuylkill County</u>

This permit is subject to the following conditions:

1. That the source and any associated air cleaning devices 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 plan approval issued under the same number;
 - 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)

Failure to comply with the conditions placed on this permit is in violation of Section 127.444. Violation of this or any other provisions of Article III of the rules and regulations of the Department of Environmental Protection will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued APR 19 1999

Expires April 30, 2004 *JKK*

Thomas A. DiLazaro
 Thomas A. DiLazaro
 Program Manager
 Air Quality Program

cc: Harrisburg
 RACT Binder *JKK*

AIR QUALITY COUNTY: _____ APR 19 1999 FACILITY: _____ PERMIT: _____

- (3) In accordance with Sections 6.3(e) and 6.3(j) of the Pennsylvania Air Pollution Control Act (as amended) a two hundred fifty dollar (~~\$250.00~~) annual operating permit administrative fee is required each year. This administrative fee is to be submitted thirty (30) days prior to the anniversary date of this operating permit; and is to be submitted with the attached transmittal form.
- (4) This Operating Permit is valid for a limited 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 five hundred dollars (\$500.00) payable to the "Commonwealth of Pennsylvania - Clean Air Fund" (~~\$250.00 application processing fee and \$250.00 annual administrative fee~~). The request should be made on an Interim Application for Renewal of a Permit to Operate form and must be received by the Department along with a completed Compliance History form no later than the first of the month in which the permit expires.
- (5) This Operating Permit incorporates the Reasonable Available Control Technology (RACT) determinations as required by Title I provisions of the CAAA, and 25 PA Code 129.91 through 129.95 for the aluminum pigment manufacturing operation at Silberline Manufacturing Co., Inc. This Operating Permit includes Operating Permits 54-302-043 and 54-302-039 which are issued for two Cleaver Brook boilers rated at 12 MMBTU/hr and 10 MMBTU/hr respectively. The terms and conditions of Operating Permits Nos. 54-302-043 and 54-302-039 are incorporated into this Operating Permit.
- (6) The expiration date shown on the Operating Permit is for State purposes. For Federal enforcement purposes the RACT provisions of the Operating Permit shall remain in effect as part of the State Implementation Plan (SIP), until replaced pursuant to 40 CFR 51, and approved by the US Environmental Protection Agency (EPA). The Operating Permit shall become enforceable by the US EPA upon its approval of the above as a revision to the SIP.
- (7) This Operating Permit includes the following sources:
 - (a) Milling and Screening Area
 - (b) Filter Press Area
 - (c) Mixing and Loadout Area
 - (d) Distillation
 - (e) Tank Farm
 - (f) Cleaver Brook Boiler No. CB-400-300 rated at 12,553,000 BTU/hr
 - (g) Cleaver Brook Boiler No. CB-400-250 rated at 10,481,000 BTU/hr
- (8) VOC RACT for all the sources mentioned in Condition No. 5 shall be inspection, operation and maintenance as per manufacturers specifications and good air pollution control practices.
- (9) The VOC emissions from the following source categories shall not exceed 3 pounds per hour, 15 pounds per day or 2.7 tons per year on a 12 consecutive month rolling basis:
 - (a) Cleaver Brook boiler No. CB-400-350,
 - (b) Cleaver Brook boiler No. CB 400-250; and
 - (c) Tank farm.
- (10) Silberline shall keep all mixer covers closed, except when production, sampling, maintenance, or inspection procedures require access.

- (11) Silberline shall maintain a leak inspection and maintenance plan which shall include, at minimum, the following:
- (a) A minimum visual inspection frequency of once per month for all equipment used in the production process.
 - (b) An inspection schedule.
 - (c) Methods for documenting the date and results of each inspection and any repairs that were made.
 - (d) The time frame between identifying a leak and making the repair, which shall adhere to the following:
 - 1. A first attempt at repairs, including tightening of packing glands, shall be made no later than 5 working days after the leak is detected.
 - 2. Final repairs shall be made within 15 working days, unless the leaking equipment is to be replaced by a new purchase, in which case repairs shall be completed within 3 months.

12. ~~RACT Monitoring, Recordkeeping, and Reporting Requirements~~

~~Silberline shall maintain records in accordance with the minimum recordkeeping requirements of 25 PA Code 129.95. At a minimum, this shall include :~~

- ~~(a) Records shall provide sufficient data and calculations to clearly demonstrate the requirements of Conditions 6 and 7 are met.~~
- ~~(b) Data or information required to determine compliance with Conditions 6 and 7, shall be recorded and maintained in a time frame consistent with the averaging period of the requirements.~~
- ~~(c) Records shall be retained for at least two years and be made available to the Department upon request.~~

- (13) 12 MMBTU/hr oil fired boiler (Cleaver Brooks)
10 MMBTU/hr oil fired boiler (Cleaver Brooks)

These boilers shall be in compliance with the specifications and conditions of Plan Approval Nos. 54-302-043 and 54-302-039.

General Requirements

- (14) The owner and operator shall not impose conditions upon or otherwise restrict the Department's access to the aforementioned source(s) and/or any associated air cleaning device(s) and shall allow the Department to have access at any time to said source(s) and associated air cleaning device(s) with such measuring and recording equipment, including equipment recording visual observations, as the Department deems necessary and proper for performing its duties and for the effective enforcement of the Air Pollution Control Act.

- (15) ~~If, at any time, it is determined that the operation of the aforementioned source(s) is causing the emission of volatile organic compounds (VOCs) in excess of that permitted by Chapter 129 of Article III of the Rules and Regulations of the Department of Environmental Protection, or is causing 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, Silbertine shall take immediate steps, including the installation of air cleaning device(s), if necessary, to reduce the air contaminant emissions to within the applicable limitations.~~
- (16) ~~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.~~
- (17) ~~If, at any time, it is determined that the operation of the aforementioned sources is causing the emission of particulate matter in excess of the limitations specified in Section 123.13(c)(1)(i), visible air contaminants in excess of the limitations specified in Section 123.41 or malodorous air contaminants in excess of the limitations specified in Section 123.31, all Sections of Chapter 123 of Article III of the Rules and Regulations of the Department of Environmental Protection, or is causing the emission of any of these 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, immediate steps, including the installation of air pollution control equipment if necessary, shall be taken to reduce the emissions to within the applicable limitations.~~
- (18) ~~If, at any time the Department has cause to believe that air contaminant emissions from the aforementioned source(s) may be 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 be required to conduct whatever tests are deemed necessary by the Department to determine the actual emission rate(s). Such testing shall be conducted with the provisions of Chapter 139 of the Rules and Regulations of the Department of Environmental Protection, where applicable, and in accordance with any restrictions or limitations established by the Department at such time as it notifies the company that testing is required.~~
- (19) ~~If, at any time Silbertine 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 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).~~
- (20) ~~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 Act Compliance Review form no later than thirty (30) days prior to the expiration date of this permit. All necessary forms can be obtained from the Department upon request.

- (21) Any modification required as a result of any condition should be directed to:

Regional Air Quality Manager
Pennsylvania Department of Environmental Protection
2 Public Square
Wilkes-Barre, PA 18711-0790

