

PERMIT TO OPERATE AN AIR CONTAMINANT SOURCE

Date of Issuance 05/20/94

Application No. 1576000096P078

Effective Date 05/20/94

Permit Fee \$000

This document constitutes issuance to:

PCC AIRFOILS, INC.
3860 UNION AVE. S.E.
MINERVA

OHIO 44657

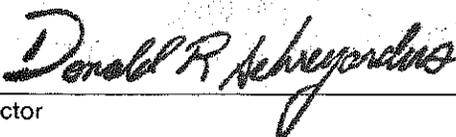
of a permit to operate for:

ACID ETCH LINE WITH SCRUBBER
ANODIC ETCH LINE 1991 EIGHT TANKS

The following terms and conditions are hereby expressly incorporated into this permit to operate:

1. This permit to operate shall be effective until 05/20/97
You will be contacted approximately six months prior to this date regarding the renewal of this permit. If you are not contacted, please write to the appropriate Ohio EPA field office.
2. The above-described source is and shall remain in full compliance with all applicable State and federal laws and regulations and the terms and conditions of this permit.
3. Prior to any modification of this source, as defined in rule 3745-31-01 of the Ohio Administrative Code (OAC), a permit to install must be granted by the Ohio EPA pursuant to OAC Chapter 3745-31.
4. The Director of the Ohio EPA or an authorized representative may, subject to the safety requirements of the permit holder, enter upon the premises of this source at any time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State and federal air pollution laws and regulations and the terms and conditions of this permit.
5. A permit fee in the amount specified above must be remitted within 15 days from the issuance date of this permit.
6. Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA field office must be notified in writing of any transfer of this permit.
7. This source and any associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices in order to minimize air contaminant emissions. Any malfunction of this source or any associated air pollution control system(s) shall be reported immediately to the appropriate Ohio EPA field office in accordance with OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of this source.
8. Any unauthorized or emergency release of an air contaminant from this source which, due to the toxic or hazardous nature of the material, may pose a threat to public health, or otherwise endanger the safety or welfare of the public, shall be reported immediately to the appropriate Ohio EPA field office (during normal business hours) or to the Ohio EPA's Emergency Response Group (1-800-282-9378). (Additional reporting may be required pursuant to the federal Comprehensive Environmental Response, Compensation, and Liability Act.)
9. The appropriate Ohio EPA field office is:
AIR POLLUTION CNTRL DIV. CANTON CITY HEALTH DEPT. -
CITY HALL 420 MARKET AVE. NORTH
CANTON, OH 44702-1544 (216)-489-3385
10. If this term and condition is checked, the permit holder is subject to the attached special terms and conditions.

OHIO ENVIRONMENTAL PROTECTION AGENCY



Director

APPLICATION NUMBER: 15 76 00 0096 P078
FACILITY NAME: PCC AIRFOILS, INC.
EQUIPMENT DESCRIPTION: ACID ETCH LINE WITH SCRUBBER
COMPANY ID: ANODIC ETCH LINE 1991 EIGHT TANKS

SPECIAL TERMS & CONDITIONS

1. The following rules of the Ohio Administrative Code establish the applicable emission limitations and/or control requirements of this source:

3745-17-07
3745-17-11
3745-31

(This condition in no way limits the applicability of other requirements of the Ohio Administrative Code to this source.)

2. Allowable Emission Limitation(s)

The emissions from this source shall not exceed the following:

0.1 lb HCl/hour
0.01 lb HNO₃/hour
0.01 lb FeCl₃/hour
0.44 tons HCl/year
0.02 tons HNO₃/year
0.02 tons FeCl₃/year

3. All acid fumes generated by this source shall be captured and vented to a fume scrubber. This scrubber shall have a control efficiency of at least 90%.
4. PCC Airfoils will employ a preventive maintenance plan to ensure that this scrubber operates efficiently. This plan will employ at a minimum the following procedures:
- A. A water flow meter showing flow to the scrubber will be installed;
 - B. A manometer to measure pressure drop across the six spray nozzles will be installed;
 - C. Read the water flow rates and pressure drop every shift and record a reading once per weeks, as currently performed;
 - D. Schedule and perform immediate maintenance when the recirculation rate drops to 45 gpm for FS-1, and 76 gpm for FS-2;

- E. Schedule and perform immediate maintenance when differential pressure increases to 2.5" for FS-1, and 5.5" for FS-2; and
- F. Records shall be maintained in the company files for a minimum of two years showing the readings and any maintenance done as required in C, D and E. These records shall be made available for inspection by members of this agency during regular business hours.

PREPARED BY: DANIEL J. SCHILTZ

DATE PREPARED: APRIL 8, 1994

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