



# DEPARTMENT OF ENVIRONMENTAL PROTECTION

ANGUS S. KING, JR.  
GOVERNOR

IBR

EDWARD O. SULLIVAN  
COMMISSIONER

PIONEER PLASTICS CORPORATION	)	DEPARTMENTAL
ANDROSCOGGIN COUNTY	)	FINDINGS OF FACT AND ORDER
AUBURN, MAINE	)	AIR EMISSION LICENSE
A-448-71-O-M	)	AMENDMENT #2

After review of the air emission license amendment application, staff investigation reports, and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

## I. REGISTRATION

1. Pioneer Plastics Corporation (Pioneer) operates a manufacturing plant in Auburn, Maine. The principle product is Pionite, a decorative laminate used for counter tops and furniture. Pioneer also manufactures specialty resins both for resale and for the use in the production of Pionite. Pioneer was issued Air Emission License A-448-72-K-A/R on August 23, 1995. The license was subsequently amended on May 29, 1996 (A-448-71-M-M).
2. Pioneer has requested a minor revision to their Air Emission License to modify the language of the NOx RACT requirements for Boiler #6 and the Incinerator, based on recent EPA comments during Maine's submittal of the NOx RACT State Implementation Plan (SIP) submittals.
3. In addition, Pioneer has requested a minor revision to modify Condition (18) of their Air Emission License A-448-72-K-A/R, in order to better reflect and specify the operation of the reactors designated as K3 through K8.

### ORDER

The Department hereby grants Air Emission License Minor Revision A-448-71-O-M, subject to the conditions found in Air Emission License A-448-72-K-A/R, in amendment A-448-71-M-M, and in addition to the following conditions:

The following shall replace Condition (13)g. of Air Emission License A-448-72-K-A/R:

- (13) Incinerator
  - g. Pioneer shall perform annual internal inspections of the ductwork, seals around access doors, inspections doors, and blowout doors and maintain records of these inspections. Pioneer shall also perform an annual tune-up of the oil burner in accordance with practices generally accepted in the industry. Copies of these inspections shall maintained for at least six (6) years and be made available to the Department and EPA upon request.

*Serving Maine People & Protecting Their Environment*

HOUSE STATION  
AUGUSTA, MAINE 04333-0017  
(207) 287-7688 FAX: (207) 237-7826  
OFFICE LOCATED AT: RAY BUILDING, HOSPITAL STREET

PORTLAND  
312 CANCO ROAD  
PORTLAND, ME 04103  
(207) 822-6300 FAX: (207) 822-6303

BANGOR  
106 HOGAN ROAD  
BANGOR, ME 04401  
(207) 941-4570 FAX: (207) 941-4534

PRESQUE ISLE  
1235 CENTRAL DRIVE, SEAWAY PARK  
PRESQUE ISLE, ME 04769  
(207) 764-0477 FAX: (207) 764-1507

The following shall replace Condition (14)d. of Air Emission License A-448-72-K-A/R:

(14) Boiler #6

- d. Pioneer shall burn natural gas whenever gas is available at the interruptible gas rate, except where gas cannot be used due to maintenance or construction activities. Pioneer will provide written notice to the Department when maintenance or construction activities interfere with the burning of natural gas.

Pioneer shall monitor the gas prices monthly and document the dates upon which gas is available at the interruptible rate for the months of March through June and no longer available at the interruptible rate for the months of September through December. Pioneer shall keep sufficient records to document compliance with this condition. These records shall be maintained for at least six (6) years and be made available to the Department and EPA upon request.

The following shall replace Condition (14)k. of Air Emission License A-448-72-K-A/R:

(14) Boiler #6

- k. Compliance with the NOx emission limits (lb/MMBtu and lb/hr, for fuel oil firing only) shall be based on a stack test conducted in accordance with the appropriate EPA test methods (40 CFR, Part 60, Appendix A) by May 31, 1996 and by May 31st and every year thereafter.

Pioneer shall prepare a report for the required stack testing, including a description of the test procedures, test results, and source operations and submit the report to the Department within 30 days of the test.

After the second consecutive annual test, Pioneer shall submit and propose a NOx lb/MMBtu emission limitation by June 30, 1997. Following the Department's review and evaluation of the report, the license shall be amended to incorporate a NOx emission limit established by the Department.

In addition, Pioneer may apply to amend the license to reduce the frequency of emission stack testing upon successful compliance demonstration of two consecutive annual stack tests.

---

The following shall replace Condition (18) of Air Emission License A-448-72-K-A/R:

(18) Reactors

- a. 1. At all times that K4, K5, K6, K7, and K8 are producing polyester resins, Pioneer shall vent the emissions from the main outlet vent on each reactor to the Incinerator for destruction, except such emissions may be vented to the Wet Scrubber system for control for up to 300 hours a calendar year.
2. At all times that K4, K5, K6, and K8 are blending polyester resins, Pioneer shall vent the emissions from the main outlet vent on each reactor through the separating column and vapor condenser which shall be operated to maximize the condensation of any emissions. Pioneer shall record the date and length of time in minutes when each reactor is blending polyester resins.
- b. At all times that K3 is producing urea resins and blending phenolic resins, Pioneer shall vent the emissions from the main outlet vent on each reactor through the vapor condenser which shall be operated to maximize the condensation of any emissions.
- c. Pioneer shall maintain a log detailing the period of time in hours and minutes, that such emissions receive control by the use of the wet scrubber system. Pioneer shall maintain such records for a minimum of 6 years and shall be submitted to the Bureau of Air Quality upon request.
- d. Visible emissions from K1, K2, K3, K4, K5, K6, K7 and K8 shall be limited to 20% opacity except for 5 minutes in any 1 hour period.
- e. Particulate emissions from K1, K2, K3, K4, K5, K6, K7 and K8 shall be limited to the applicable limitation from Table 105A or the formula in Section 4 of Chapter 105.

PIONEER PLASTICS CORPORATION ) DEPARTMENTAL  
ANDROSCOGGIN COUNTY ) FINDINGS OF FACT AND ORDER  
AUBURN, MAINE ) AIR EMISSION LICENSE  
A-448-71-O-M 4 AMENDMENT #2

The following are new Conditions:

- (26) This amendment shall expire concurrently with Air Emission License A-448-72-K-A/R.

DONE AND DATED IN AUGUSTA, MAINE THIS 10th DAY OF March 1997.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: James P. Brooks for  
EDWARD O. SULLIVAN, COMMISSIONER

PLEASE NOTE THE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application February 14, 1997

Date of application acceptance February 28, 1997

Date filed with the Board of Environmental Protection \_\_\_\_\_

This Order prepared by Kim Hibbard, Bureau of Air Quality

