

imposed by PADEP in a plan approval. On July 2, 2003, PADEP submitted plan approval No. 41-00010C to EPA as a SIP revision. This plan approval incorporates RACT determinations as required by the provisions of Title I of the CAA and sections 129.91 through 129.95 of Chapter 129 of Article III of the rules and regulations of PADEP for the refiner plate molding line, the green sand molding line, the no-bake floor molding line and a core making operation, propane generators and several other minor sources. In any 12 consecutive month period, the total combined VOC emissions from the refiner plate molding shall not exceed 57.99 tons and the line shall not be operated more than 7,000 hours. The total amount of steel processed by the refiner plate molding line shall not exceed 11,000 tons in any 12 consecutive month period. The total combined VOC emissions from the green sand molding line, the no-bake floor molding line and the core making operation, plus the combined VOC emissions from the propane-fired generators and minor sources identified below, shall not exceed a total of 69.86 tons in any 12 consecutive month period. The total combined amount of steel processed by the green sand molding line and the no-bake floor molding line shall not exceed 8,000 tons and these lines shall not be operated more than 7,000 hours in any 12 consecutive month period. In addition, the total combined VOC from the core making operation shall not exceed 2.70 tons in any 12 consecutive month period.

The facility shall maintain accurate and comprehensive records of the following: (1) The amount of steel processed each month by the refiner plate molding line, the green sand molding line, and the no-bake floor molding line; (2) the number of hours of operation each month of the refiner plate molding line, the green sand molding line, and the no-bake floor molding line; and (3) the amount of binders/resins used in the core making operation each month. These records shall be used by the facility to calculate the monthly emission of VOCs from the refiner plate molding line, the green sand molding line, the no-bake floor molding line and the core making operation. All records generated, including the VOC emissions calculations, shall be retained on site for at least five years from the date of generation and shall be provided to PADEP upon request. The monthly emissions report shall include all background information and

calculations used in the derivation of these emissions.

B. Brodart Company

Brodart Company is a wood furniture finishing operation facility located in Clinton County, Pennsylvania and is considered a major VOC emitting facility. In this instance, RACT has been established and imposed by PADEP in a plan approval. On July 2, 2003, PADEP submitted plan approval No. 18-0007A to EPA as a SIP revision. This plan approval also incorporates RACT determinations as required by the provisions of Title I of the CAA and sections 129.91 through 129.95 of Chapter 129 of Article III of the Rules and Regulations of PADEP for the following: (1) A 2.6 million BTU per hour (MMBTU/hr) De Burg natural gas-fired oven; (2) a 2.5 MMBTU/hr North American natural gas-fired oven; (3) a 2.5 MMBTU/hr Weil McLain natural gas/#2 oil-fired boiler; (4) a 15 kW Kohler natural gas-fired emergency generator that shall not be operated more than 500 hours in any 12 consecutive month period; (5) gluing operations and several miscellaneous sources.

The total combined VOC emissions from these sources shall not exceed 2.70 tons in any 12 consecutive month period. The 15 KW natural gas energy generator shall not be operated more than 500 hours in any 12 consecutive month period. In addition, the plan approval contains reference to specific low VOC content glues and adhesives that shall be used in the gluing operation. The facility shall maintain accurate and comprehensive records of the number of hours the emergency generator was operated during each month. All records generated shall be retained on site for a period of at least five years from the date of generation and shall be provided to PADEP upon request. In addition, all records generated for each calendar quarter, including air contaminant emission calculations, shall be submitted to PADEP by no later than the 30th day following the respective calendar quarter (reports due on January 30, April 30, July 30 and October 30). This report shall include all background information and calculations used in the derivation of the reported values.

C. Erie Sewer Authority

The Erie Sewer Authority is a waste water treatment plant (WWTP) located in Erie County, Pennsylvania and is considered a NO_x emitting facility. The Erie WWTP is a secondary activated sludge treatment plant. In this instance, RACT has been established and imposed by PADEP in an operating

permit. On July 2, 2003, PADEP submitted operating permit No. OP-25-179 to EPA as a SIP revision. The sources in this facility are seven space heaters, four emergency generators, and two sewage sludge incinerators.

RACT for the seven (7) heaters, with individual rated gross heat inputs less than 20 MMBTU/hr, shall be installation, maintenance, and operation in accordance with the manufacturer's specifications. These sources shall also be operated and maintained in accordance with good air pollution control practices.

RACT for the four (4) emergency generators, operating less than 500 hours in a consecutive 12-month period, shall be installation, maintenance, and operation in accordance with the manufacturer's specifications. These sources shall also be operated and maintained in accordance with good air pollution control practices.

RACT for the two (2) sewage sludge incinerators shall be the continued management of the units to ensure proper combustion. This includes operation and maintenance of the sources and associated control devices in accordance with the manufacturer's specifications and consistent with good operating and maintenance practices. The NO_x emissions from each of the sewage sludge incinerators shall not exceed 10.0 pound per ton of sewage sludge (on a dry basis). The facility shall test each of the incinerators at least once every five years. The stack tests shall be performed at maximum rated capacity following the procedures in 25 Pa Code chapter 139.

The facility shall maintain records in accordance with the recordkeeping requirements of 25 Pa Code section 129.95 that will include at a minimum: (a) Records that indicate that each of the four emergency generators did not operate more than 500 hours in a consecutive 12-month period; (b) records that indicate that each of the four emergency generators are maintained and operated in accordance with the manufacturer's specifications; and (c) records that indicate that each of the seven space heaters are maintained and operated in accordance with manufacturer's specifications.

III. EPA's Evaluation of the SIP Revisions

EPA is approving these SIP submittals because the Commonwealth established and imposed requirements in accordance with the criteria set forth in SIP-approved regulations for imposing RACT or for limiting a source's potential to emit. The Commonwealth has also imposed record-keeping, monitoring,