

the CO, VOC and NO_x emissions from this facility in the 1990 base year emission inventory. The CO, VOC and NO_x emissions from the natural gas units and the spray booth of this facility are hereby approved as part of the 1990 point source inventory. The 1990 CO, VOC and NO_x emissions from the natural gas units are 8.3 TPY, 1.2 TPY and 64.2 TPY, respectively. The 1990 VOC emissions from the spray booth is 12.1 TPY.

(l) EPA approves, as a revision to the Pennsylvania State Implementation Plan, the 1990 NO_x emission inventory for the Philadelphia area, submitted on July 31, 1998 by the Pennsylvania Department of Environmental Protection. The submittal consists of 1990 base year point, area, highway, and non-road mobile NO_x emissions inventories for the five-county Philadelphia area (Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties).

(m) EPA approves the 1990 NO_x base year emission inventory for the Pittsburgh-Beaver Valley area, submitted by the Pennsylvania Department of Environmental Protection on March 22, 1996 and supplemented on February 18, 1997.

(n) EPA approves as a revision to the Pennsylvania SIP the 1990 base year CO emissions inventory for Southwestern Pennsylvania, including Allegheny, Armstrong, Beaver, Butler, Fayette, Washington and Westmoreland counties, submitted by the Secretary of the Pennsylvania Department of Environmental Protection on November 12, 1992, and as revised on August 17, 2001. This submittal consists of the 1990 base year inventory for point, area, off-road, and highway emissions for these counties, for the pollutant CO.

[61 FR 2931, Jan. 30, 1996, as amended at 61 FR 15713, Apr. 9, 1996; 61 FR 24709, May 16, 1996; 61 FR 67232, Dec. 20, 1996; 62 FR 24834, May 7, 1997; 62 FR 31349, June 9, 1997; 62 FR 38917, July 21, 1997; 64 FR 18821, Apr. 16, 1999; 64 FR 32425, June 17, 1999; 66 FR 17638, Apr. 3, 2001; 66 FR 53106, Oct. 19, 2001; 67 FR 68525, Nov. 12, 2002]

§ 52.2037 Control strategy plans for attainment and rate-of-progress: Ozone.

(a) Part D—Conditional Approval—The Pennsylvania plan for carbon monoxide and ozone is approved provided

that the following conditions are satisfied:

(1) Firm commitments to implement the Newton Branch electrification are submitted to EPA by December 30, 1980. If firm commitments are not submitted, the State must submit substitute measures with equivalent reductions by June 30, 1981.

(b)(1) [Reserved]

(2) Determination—EPA has determined that, as of July 19, 1995, the Reading ozone nonattainment area has attained the ozone standard and that the reasonable further progress and attainment demonstration requirements of section 182(b)(1) and related requirements of section 172(c)(9) of the Clean Air Act do not apply to this area for so long as the area does not monitor any violations of the ozone standard. If a violation of the ozone NAAQS is monitored in the Reading ozone nonattainment area, these determinations shall no longer apply.

(c) VOC and NO_x RACT determination for six emission units at U.S. Steel—Fairless: no. 3 blast furnace, no. 1 open hearth furnace, no. 1 soaking pits, no. 2 soaking pits (units 1-8), no. 2 soaking pits (units 9-16), 80 in. hot strip mill. The NO_x RACT determination for all the soaking pits and the 80 in. hot strip mill is low excess air (LEA), which is expected to result in a 13.5% emission reduction. NO_x RACT for the other sources is determined to be good operating practices to minimize NO_x emissions. VOC RACT for all the above sources is determined to be good operating practices to minimize VOC emissions.

(d) NO_x RACT determination for the no. 2 glass melting furnace and the four kilns at the General Glass—Jeannette plant, which manufactured flat glass, is the current operation, consisting of no additional controls.

(e) Sharon Steel Company—VOC and NO_x RACT determination for three emission units at Sharon Steel Company, not covered by plan approval PA 43-017: Blast Furnace Operations (flame suppression, heaters and torpedo cars, tuyeres), Basic Oxygen Furnace Shop (scrap preheating, ladle preheating and heaters), Blast Furnace Casthouse. NO_x RACT for the Blast Furnace Operations is determined to be good air pollution

control practices such that NO_x emissions do not exceed: 100 pounds of NO_x per million cubic feet (lb NO_x/MMft³) of natural gas and 10.69 tons of NO_x per year (TPY) for flame suppression, heaters, and torpedo cars; and 140 lb NO_x/MMft³ of natural gas and 0.6 TPY for tuyeres. VOC RACT for the Blast Furnace Operations is determined to be good air pollution control practices such that VOC emissions do not exceed: 3.8 lb VOC/MMft³ of natural gas and 0.41 TPY for flame suppression, heaters and torpedo cars; and 2.8 lb VOC/MMft³ of natural gas and 0.01 TPY for tuyeres. NO_x RACT for the Basic Oxygen Furnace Shop is determined to be good air pollution control practices such that NO_x emissions do not exceed: 100 lb NO_x/MMft³ of natural gas and 1.1 TPY for scrap preheating; and 140 lb NO_x/MMft³ of natural gas and 10.8 TPY for ladle preheating and heaters. VOC RACT for the Basic Oxygen Furnace Shop is determined to be good air pollution control practices such that VOC emissions do not exceed: 3.8 lb VOC/MMft³ of natural gas and 0.04 TPY for scrap preheating; and 2.8 lb VOC/MMft³ of natural gas and 0.22 TPY for ladle preheating and heaters. NO_x RACT for the Blast Furnace Casthouse is determined to be good air pollution control practices such that NO_x emissions do not exceed 0.03 lb NO_x/ton of steel processed and 11.0 TPY.

(f) Pennsylvania Electric Company—Williamsburg Station—VOC and NO_x RACT determination for three emission units at Pennsylvania Electric Company (Penelec)—Williamsburg Station: unit #1 boiler, auxiliary boiler, fugitive VOC sources. NO_x and VOC RACT for the unit #11 boiler is determined to be good air pollution control practices such that emissions limits shall be 21.7 pounds of NO_x per ton of coal fired (lb/ton) and 0.1459 lb/MMBtu of No. 2 oil fired with annual fuel usage records, and no more than 867 tons per year (TPY) of NO_x and 3 TPY of VOC. NO_x and VOC RACT for the auxiliary boiler is determined to be the requirements of 25 Pa Code 129.93 (c)(1), pertaining to units with individual rated gross heat inputs less than 20 million British thermal units per hour (MMBtu/hr) of operation maintenance and operation in accordance with man-

ufacturer's specifications, and the units are operated using good air pollution control practices.

(g) Caparo Steel Company—VOC and NO_x RACT determination for four emission units at Caparo Steel Company, not covered by operating permit OP 43-285: Package boilers, BW boiler #1, BW boiler #2, and BW boiler #3. NO_x RACT for the package boilers is determined to be good air pollution control practices such that NO_x emissions do not exceed 550 pounds of NO_x per million cubic feet (lb NO_x/MMft³) of natural gas and 529.82 tons of NO_x per year (TPY). VOC RACT for the package boilers is determined to be good air pollution control practices such that VOC emissions do not exceed 1.4 lb VOC/MMft³ of natural gas and 1.35 TPY. NO_x RACT for each of the BW boilers is determined to be good air pollution control practices such that NO_x emissions do not exceed 23 lb NO_x/MMft³ of BFG and 80.1 TPY.

(h) VOC RACT determination for four emission units at Mercersburg Tanning Company—Franklin County: Spray Lines 3 thru 7, Attic Line, Spray Lines A and B, Spray Line C. The VOC RACT determination is as follows: for Spray Lines 3 thru 7; all work transferred to Spray Lines A and B, for Attic Line; all work transferred to Spray Line C, for Spray Lines A and B; vented to a Regenerative Thermal Oxidizer (RTO) with required 100% capture efficiency and 97% destruction efficiency, for Spray Line C; coating restrictions of 3.5 lb VOC/gal (less water) on base coats and 2.8 lb VOC/gal (less water) on intermediate coats. VOC RACT for cleaning solvents associated with Lines A and B vented to RTO and water utilized as cleaning solvent for Line C.

(i)(1) EPA approves the Commonwealth of Pennsylvania's Post 1996 (ROP) plan SIP revision for milestone years 1999, 2002, and 2005 for the Pennsylvania portion of the Philadelphia-Wilmington-Trenton severe ozone non-attainment area. These revisions were submitted by the Pennsylvania Department of Environmental Protection on April 30, 1998, July 31, 1998 and supplemented on February 25, 2000.

(2) EPA approves revisions to the Pennsylvania State Implementation Plan, submitted by the Secretary of

the Pennsylvania Department of the Environmental Protection on February 23, 2004. These revisions amend Pennsylvania's rate-of-progress (ROP) plan for year 2005 for its Pennsylvania portion of the Philadelphia-Wilmington-Trenton 1-hour ozone nonattainment area. These revisions update the 2005 ROP plan's 1990 and 2005 motor vehicle emissions inventories and motor vehicle emissions budgets to reflect the use of the MOBILE6 emissions model, and establish revised motor vehicle emissions budgets of 79.69 tons per day (tpd) of volatile organic compounds and 144.73 tpd of nitrogen oxides.

(j) EPA approves the one hour ozone attainment demonstration SIP for the Philadelphia-Wilmington-Trenton area submitted by the Pennsylvania Department of Environmental Protection on April 30, 1998, August 21, 1998, February 25, 2000 and July 19, 2001 including its RACM analysis and determination.

EPA is approving the enforceable commitments made to the attainment plan for the Philadelphia-Wilmington-Trenton severe ozone nonattainment area submitted by the Pennsylvania Department of Environmental Protection on July 31, 1998, February 25, 2000 and July 19, 2001. The enforceable commitments are to:

(1) Submit measures by October 31, 2001 for additional emission reductions as required in the attainment demonstration test, and to revise the SIP and motor vehicle emissions budgets by October 31, 2001 if the additional measures affect the motor vehicle emissions inventory,

(2) [Reserved]

(3) Perform a mid-course review by December 31, 2003.

(k) EPA approves the following mobile budgets of the post-1996 rate of progress plans and the 2005 attainment plan:

TRANSPORTATION CONFORMITY BUDGETS FOR THE PHILADELPHIA AREA

Type of control strategy SIP	Year	VOC (tpd)	NO _x (tpd)	Date of adequacy determination or SIP approval date
Post-1996 ROP Plan	1999	88.6	109.6	June 23, 2000 (65 FR 36438, June 8, 2000).
Post-1996 ROP Plan	2002	69.52	93.13	June 23, 2000 (65 FR 36438, June 8, 2000).
Post-1996 ROP Plan	2005	79.69	144.73	June 21, 2004 (May 21, 2004, 69 FR 29240).
Attainment Demonstration	2005	79.69	144.73	June 12, 2003 (68 FR 31700, May 28, 2003).

(1)-(2) [Reserved]

(1) EPA approves the Commonwealth of Pennsylvania's revised 1990 and the 2005 VOC and NO_x highway mobile emissions inventories and the 2005 motor vehicle emissions budgets for the 1-hour ozone attainment SIP for the Philadelphia-Wilmington-Trenton severe ozone nonattainment area. These revisions were submitted by the Pennsylvania Department of Environmental Protection on January 17, 2003. Submission of these revised MOBILE6-based motor vehicle emissions inventories was a requirement of EPA's approval of the attainment demonstration under paragraph (j) of this section.

(m) Determination—EPA has determined that, as of July 27, 2007, the Franklin County ozone nonattainment area has attained the 1-hour ozone standard and that the following re-

quirements of section 172(c)(2) of the Clean Air Act do not apply to this area for so long as the area does not monitor any violations of the 1-hour ozone standard of 40 CFR 50.9: the attainment demonstration and reasonably available control measure requirements of section 172(b)(1), the reasonable further progress requirement of section 172(b)(2), and the related contingency requirements of section 172(c)(9). If a violation of the 1-hour ozone NAAQS is monitored in the Franklin County 1-

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hour ozone nonattainment area, these determinations shall no longer apply.

[46 FR 17553, Mar. 19, 1981, as amended at 47 FR 8359, Feb. 26, 1982; 47 FR 25010, June 9, 1982; 60 FR 37018, July 19, 1995; 61 FR 15713, Apr. 9, 1996; 61 FR 24709, May 16, 1996; 61 FR 28066, June 4, 1996; 61 FR 67231, Dec. 20, 1996; 62 FR 8624, Feb. 26, 1997; 62 FR 11082, Mar. 11, 1997; 66 FR 53106, Oct. 19, 2001; 66 FR 54164, Oct. 26, 2001; 68 FR 58612, Oct. 10, 2003; 69 FR 29240, May 21, 2004; 72 FR 40749, July 25, 2007; 72 FR 54362, Sept. 25, 2007]

§ 52.2038 Rate of Progress Plans: Ozone.

(a) EPA grants full approval to Pennsylvania's 15 Percent Rate of Progress Plan for the Pittsburgh-Beaver Valley ozone nonattainment area, submitted by the Secretary of the Pennsylvania Department of Environmental Protection on March 22, 1996, as formally revised on February 18, 1997 and on July 22, 1998.

(b) EPA grants full approval to the 15 Percent Rate of Progress Plan for Pennsylvania's portion of the Philadelphia-Wilmington-Trenton ozone nonattainment area. The area that is the subject of this action encompasses Bucks, Chester, Delaware, Philadelphia, and Montgomery Counties. The plan was formally submitted to EPA by the Secretary of the Pennsylvania Department of Environmental Protection on September 12, 1996, and was formally revised on April 10, 1997 and June 5, 1998.

[66 FR 17638, Apr. 3, 2001, as amended at 66 FR 44548, Aug. 24, 2001]

§ 52.2039 [Reserved]

§ 52.2040 Interstate pollutant transport provisions; What are the FIP requirements for decreases in emissions of nitrogen oxides?

(a)(1) The owner and operator of each source located within the State of Pennsylvania and for which requirements are set forth under the Federal CAIR NO_x Annual Trading Program in subparts AA through II of part 97 of this chapter must comply with such applicable requirements. The obligation to comply with these requirements in part 97 of this chapter will be eliminated by the promulgation of an approval by the Administrator of a revision to the Pennsylvania State Im-

plementation Plan (SIP) as meeting the requirements of CAIR for PM_{2.5} relating to NO_x under § 51.123 of this chapter, except to the extent the Administrator's approval is partial or conditional or unless such approval is under § 51.123(p) of this chapter.

(2) Notwithstanding any provisions of paragraph (a)(1) of this section, if, at the time of such approval of the State's SIP, the Administrator has already allocated CAIR NO_x allowances to sources in the State for any years, the provisions of part 97 of this chapter authorizing the Administrator to complete the allocation of CAIR NO_x allowances for those years shall continue to apply, unless the Administrator approves a SIP provision that provides for the allocation of the remaining CAIR NO_x allowances for those years.

(b)(1) The owner and operator of each NO_x source located within the State of Pennsylvania and for which requirements are set forth under the Federal CAIR NO_x Ozone Season Trading Program in subparts AAAA through IIII of part 97 of this chapter must comply with such applicable requirements. The obligation to comply with these requirements in part 97 of this chapter will be eliminated by the promulgation of an approval by the Administrator of a revision to the Pennsylvania State Implementation Plan (SIP) as meeting the requirements of CAIR for ozone relating to NO_x under § 51.123 of this chapter, except to the extent the Administrator's approval is partial or conditional or unless such approval is under § 51.123(ee) of this chapter.

(2) Notwithstanding any provisions of paragraph (b)(1) of this section, if, at the time of such approval of the State's SIP, the Administrator has already allocated CAIR NO_x Ozone Season allowances to sources in the State for any years, the provisions of part 97 of this chapter authorizing the Administrator to complete the allocation of CAIR NO_x Ozone Season allowances for those years shall continue to apply, unless the Administrator approves a SIP provision that provides for the allocation of the remaining CAIR NO_x Ozone Season allowances for those years.

[72 FR 62353, Nov. 2, 2007]