

**TABLE 4.7.2.1-3.—Estimated Criteria and VOC Pollutant Emissions Inventory for
Stationary and Mobile Sources at Pantex Plant for 2,000 Weapons Level**

SOURCE	POLLUTANT					
	CO	NO ₂	PM ₁₀	SO ₂	Pb	VOC ¹
STATIONARY SOURCES						
Building 10-2 kg/yr (lb/yr)	6.4 (14.0)	0.02 (0.04)	—	—	0.07 (0.15)	—
Zone 11 (8 Buildings) kg/yr (lb/yr)	101.7 (224.1)	504.0 (1,111.1)	11.7 (25.7)	—	—	—
Zone 12 (17 Buildings) kg/yr (lb/yr)	3,018.2 (6,654.1)	3,641.7 (8,028.5)	217.9 (480.3)	—	—	—
Firing Sites kg/yr (lb/yr)	90.5 (199.6)	3.9 (8.6)	1.1 (2.4)	—	—	—
Burning Trays kg/yr (lb/yr)	867.2 (1,911.9)	31,851.4 (70,219)	6,486.4 (14,300.0)	—	—	—
Burning Ground Upgrade kg/yr (lb/yr)	5,005.8 (11,036.0)	1,081.2 (2,383.6)	—	0.10 (0.2)	177.5 (391.4)	—
Buildings 16-7, 16-8, 16-10, 16-12, 16-13, 16-15 kg/yr (lb/yr)	7,955.6 (17,539.0)	28,918.0 (63,753.2)	1,028.7 (2,267.8)	—	7.6 (16.8)	—
Buildings 9-4, 9-5, 9-6 kg/yr (lb/yr)	7.9 (17.4)	39.5 (87.0)	1.0 (2.2)	—	—	—
Natural Gas Engines kg/yr (lb/yr)	570.6 (1,258.0)	4,421.6 (9,748.0)	—	—	—	—
Gasoline and Diesel Engines kg/yr (lb/yr)	2,671.3 (5,889.3)	8,485.4 (18,707.1)	605.8 (1,335.5)	—	—	—
Welding, Cutting, and Grinding kg/yr (lb/yr)	—	—	86.6 (191.0)	—	—	—
Subtotal kg/yr (lb/yr)	20,295.2 (44,743.4)	78,946.7 (174,046.1)	8,439.2 (18,604.9)	0.1 (0.2)	185.2 (408.4)	2,806.45 (6,187.06)
Subtotal metric tons/yr (tons/yr)	20.30 (22.37)	78.95 (87.02)	8.44 (9.30)	0.00 (0.00)	0.19 (0.20)	2.81 (3.09)
MOBILE SOURCES						
Mobile Sources metric tons/yr (tons/yr)	567.22 (625.25)	246.36 (271.57)	—	—	—	61.49 (67.79)
TOTALS						
Total metric tons/yr (tons/yr)	589.51 (647.6) ²	325.31 (358.6) ²	8.44 (9.30)	0.00 (0.00)	0.19 (0.20)	64.3 (70.88)

¹Based on VOCs in Table 4.7.1.3-3

²Totals are different from those of Table 4.7.1.3-7 because of differences in future operation at the 2,000 weapons per year level compared to the Affected Environment which was based on 1993 data.

Note: SO₂ is emitted only from BGU operation; therefore, this pollutant is considered only for 2,000, 1,000, and 500 weapons scenarios.

Sources: Pantex 1996; PC 1994