EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 45586 and PSD-TX-1055

This table lists the maximum allowable emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission	Source	Air Contaminant	Emission	Rates *
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY**
ESJ-1A	CFB Boiler Normal Operations	NO _x CO VOC 13.25 PM/PM ₁₀ SO ₂ 472.80 H ₂ SO ₄ 96.53	185.54 397.58 58.05 136.29 2070.86 422.80	812.60 1741.38 596.71
		HCI 2.03 HF 0.27 Pb 0.01 Hg 0.01 NH ₃ 16.47	8.87 1.18 0.026 0.035 36.08	
ESJ-1A	CFB Boiler Start-Up	$\begin{array}{c} & \text{NO}_{\text{x}} \\ & \text{CO} \\ \text{VOC} & 13.25 \\ & \text{PM/PM}_{10} \\ \text{SO}_2 & 2393.88 \\ \text{H}_2\text{SO}_4 254.79 \\ \text{HCI} & 20.11 \\ \text{HF} & 2.68 \\ \text{Pb} & 0.01 \\ \text{Hg} & 0.01 \\ \text{NH}_3 & 16.47 \\ \end{array}$	207.84 397.58 136.29 	
ESJ-2A	Emergency Generator	NO_x CO 37.65 VOC 4.43 PM/PM ₁₀ SO ₂ 0.04	30.56 9.41 1.11 1.77 0.01	7.64 0.44

PM/PM₁₀ 0.13 0.03

ESJ-4A Auxiliary Boiler NO_x 2.32 0.93

PM/PM₁₀ 0.46 0.19

ESJ-5A Acid Tank H_2SO_4 <0.01 <0.01

ESJ-6A Caustic Tank NaOH <0.01 <0.01

ESJ-7A Fly Ash Silo PM_{10} 0.34 1.50

ESJ-8A Bottom Ash Silo PM_{10} 0.17 0.75

ESJ-9A Coke Silo PM₁₀ 0.34 1.50

ESJ-10A Limestone Silo PM_{10} 0.34 1.50

ESJ-11A Sand Silo PM_{10} 0.17 0.27

ESJ-12A Bottom Ash Transfer PM_{10} 0.17 0.75

PCPREPST Petcoke Preparation PM₁₀ 0.60 2.63

PC-FUG Petcoke Preparation PM/PM₁₀ 0.05 0.05

CO-31 Conveyor CO-31 (4) PM/PM₁₀ 0.07 0.07

TR-30 CO-31 to CO-32 (4) PM/PM_{10} 0.03 0.03

CO-32 Conveyor CO-32 (4) PM/PM₁₀ 0.03 0.03

TR-31

LSPREPST Limestone Preparation PM₁₀ 0.60 2.63

LS-FUG Limestone Preparation PM 0.13 0.09

CO-35 Conveyor 35 (4) PM 0.004 0.003

TR-32 CO-35 to CO-36 (4) PM 0.002 0.002

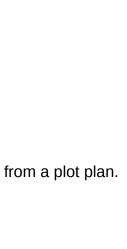
CO-36 Conveyor 36 (4) PM 0.002 0.002

FUG-AMM Ammonia Fugitives (4) NH₃ 0.05 0.21

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES







(3) NO_x - total oxides of nitrogen









