

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 78421

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 Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
LGNTUNLPIT	Lignite Unloading Pit	PM/PM ₁₀	0.02	0.07
STAMLER	Stamler Mill	PM/PM ₁₀	0.05	0.20
LGPTTOLSB	Transfer Lignite to Lignite Surge Bin	PM/PM ₁₀	0.02	0.07
MHFLSDCVT	Multiple Hearth Furnace (MHF) 0.23 No. 1 Silo		PM/PM ₁₀	0.05
MHFXFRDCVT	Lignite Transfer Pt Dust Vent	PM/PM ₁₀	0.05	0.23
MHFLS2DCVT	MHF No. 2 Silo	PM/PM ₁₀	0.05	0.23
MHFAPRON	MHF Apron	PM/PM ₁₀	0.01	0.03
M2FEEDBELT	MHF No. 2 Incline Belt @ Diverter	PM/PM ₁₀	0.005	0.013
M2FDBNDCVT	MHF No. 2 Feed Bin	PM/PM ₁₀	0.02	0.09
M2SRGDCVT	MHF No. 2 Surge Hopper Dust Collector	PM/PM ₁₀	0.02	0.08
M2RWKDCVT	MHF No. 2 Rework Hopper Dust Collector	PM/PM ₁₀	0.013	0.056
M2PRCVDCVT	MHF No. 2 Product Conveyor Dust Collector	PM/PM ₁₀	0.035	0.154

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			lb/hr	TPY
6MILLDCSTK	No. 6 Mill Dust Collector	PM/PM ₁₀	0.471	2.065
6MILLVAC	No. 6 Mill Vacuum Unit	PM/PM ₁₀	0.021	0.094
MHF2STACK	MHF No.2 Stack (Normal Operation)	PM/PM ₁₀	4.10	17.0
		SO ₂	21.4	90.0
		NO _x	9.50	39.9
		CO	6.6	28.0
MHF2VENT	MHF No.2 (Planned Normal Maintenance Only)(4)	NO _x	0.33	0.03
		CO	5.10	0.50
		PM/PM ₁₀	0.50	0.05
		VOC	3.00	0.30
M2ASHDVCT	MHF No. 2 Ash Vacuum Blower	PM/PM ₁₀	0.021	0.09
M2ASHLOAD	MHF No. 2 Ash Silo Truck Loading	PM/PM ₁₀	0.369	0.081
M2LIMEDCVT	MHF No.2 Lime Silo	PM/PM ₁₀	0.038	0.168
M2LIMESLKR	MHF No. 2 Lime Slaker	PM/PM ₁₀	0.036	0.018
13BKNDCSK	MHF No. 2, Bulk Bin No. 13	PM/PM ₁₀	0.014	0.063
14BKNDCSK	MHF No. 2, Bulk Bin No. 14	PM/PM ₁₀	0.014	0.063
15BKBNDCSK	MHF No. 2, Bulk Bin No. 15	PM/PM ₁₀	0.014	0.063
16BKBNDCSK	MHF No. 2, Bulk Bin No. 16	PM/PM ₁₀	0.014	0.063
GENCOOLT	MHF No. 2 Cooling Tower	PM/PM ₁₀	0.014	0.063

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources use area name or fugitive source name.
- (3) PM/PM₁₀ - particulate matter and particulate matter less than 10 microns
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
NH₃ - ammonia
- (4) Excess emissions from unplanned maintenance, startup and shutdown events are to be reported per 30 TAC §101, Subchapter F.
- * Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day ____ Days/week ____ Weeks/year ____ or Hrs/year 8,760

Dated January 5, 2007