

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 932

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
UNITS NO. 1 AND 2 LIGNITE HANDLING				
LG12-1F	Railcar Unloading Fugitives	PM (4)	1.21	1.22
		PM ₁₀ (4)	0.57	0.58
LG12-2F	Unit 1 and 2 Receiving Hopper Transfer Fugitives	PM (4)(5)	0.03	0.03
		PM ₁₀ (4)(5)	0.01	0.01
LG12-3F	Unit 1 and 2 Surge Silo Loading Transfer Fugitives	PM (4)(5)	0.09	0.09
		PM ₁₀ (4)(5)	0.04	0.04
LG12-3AF	Unit 1 and 2 Surge Silo Bypass Transfer Fugitives	PM (4)(6)	3.02	1.05
		PM ₁₀ (4)(6)	1.56	0.54
LG12-4F	Unit 1 and 2 Surge Silo Unloading Transfer Fugitives	PM (4)(6)	0.02	0.03
		PM ₁₀ (4)(6)	0.01	0.02
LG12-5MF and LG12-5WF	Live Storage Pile Maintenance and Wind Fugitives	PM (4)	28.91	6.84
		PM ₁₀ (4)	8.41	2.03
LG12-6AF to 6FF	Stacker/Reclaimer Transfer Fugitives	PM (4)(5)	10.60	2.64
		PM ₁₀ (4)(5)	5.04	1.26
LG12-7F	Unit 1 and 2 Dead Storage Storage Reclaim Fugitives	PM(4)(5)	0.02	<0.01
		PM ₁₀ (4)(5)	0.01	<0.01
LG12-7AF	Unit 1 and 2 Dead Storage Reclaim Belt Transfer Fugitives	PM (4)(5)	0.51	0.06
		PM ₁₀ (4)(5)	0.24	0.03
LG12-8F	Unit 1 and 2 Crusher Tower Transfer and Crushing Fugitives	PM(4)(5)	0.92	1.29
		PM ₁₀ (4)(5)	0.37	0.52
LG12-9F	Unit 1 and 2 Transfer Tower No. 1		PM (4)(5)	0.07
	0.10 Transfer Fugitives	PM ₁₀ (4)(5)	0.03	0.05
LG12-10	Unit 1 and 2 Transfer Tower No.1	PM	0.01	0.06
	Boiler Silos Exhaust Vent	PM ₁₀	0.01	0.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
LG12-10F	Unit 1 and 2 Transfer Tower No. 2 0.42	PM (4)(5)	0.09	
	Fugitives	PM ₁₀ (4)(5)	0.05	0.20
LG12-11	Unit 1 and 2 Transfer Tower No. 3 0.06	PM	0.01	
	Boiler Silos Exhaust Vent	PM ₁₀	0.01	0.06
LG12-11F	Unit 1 and 2 Transfer Tower No. 3 0.42	PM (4)(5)	0.09	
	Fugitives	PM ₁₀ (4)(5)	0.05	0.20
LG12-12	Unit 1 and 2 Transfer Tower No. 4 0.06	PM	0.01	
	Boiler Silos Exhaust Vent	PM ₁₀	0.01	0.03
LG12-12F	Unit 1 and 2 Transfer Tower No. 4 0.42	PM (4)(5)	0.09	
	Fugitives	PM ₁₀ (4)(5)	0.05	0.20
LG12-13	Unit 1 and 2 Transfer Tower No. 5 0.06	PM	0.01	
	Boiler Silos Exhaust Vent	PM ₁₀	0.01	0.03
LG12-13F	Unit 1 and 2 Transfer Tower No. 5 0.42	PM (4)(5)	0.09	
	Fugitives	PM ₁₀ (4)(5)	0.05	0.20
LG12-15WF	Wind Fugitives from Stacker/Reclaimer Conveyor	PM (4) PM ₁₀ (4)	0.36 0.18	1.57 0.79
LG12-16MF and LG12-16WF	Dead Storage Pile Maintenance And Wind Fugitives	PM (4) PM ₁₀ (4)	0.20 <0.01	0.07 0.02
LG123-MF and LG123-WF	Surge Silo Bypass Pile Wind and Maintenance Fugitives	PM (4) (6) PM ₁₀ (4)(6)	0.22 0.22	0.30 0.30

UNIT NO. 3 LIGNITE HANDLING

LG3-1F	Railcar Unloading	PM (4)	1.21	0.61
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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
	Fugitives	PM ₁₀ (4)	0.58	0.29
LG3-2F	Unit 3 Receiving Hopper Transfer Fugitives	PM (4)(5)	0.02	0.01
		PM ₁₀ (4)(5)	0.01	<0.01
LG3-3F	Unit 3 Surge Silo Loading Transfer Fugitives	PM (4)(5)	0.09	0.05
		PM ₁₀ (4)(5)	0.04	0.02
LG3-3AF	Unit 3 Surge Silo Bypass Transfer Fugitives	PM (4) (6)	3.02	0.53
		PM ₁₀ (4)(6)	1.56	0.27
LG3-4F	Unit 3 Surge Silo Unloading Transfer Fugitives	PM (4) (6)	0.01	0.01
		PM ₁₀ (4)(6)	<0.01	<0.01
LG3-5MF LG3-5WF	Live Storage Pile Wind and Maintenance Fugitives	PM (4)	28.91	4.04
		PM ₁₀ (4)	8.41	1.22
LG3-6AF to 6FF	Stacker Reclaimer Transfer Fugitives	PM (4)(5)	10.60	1.34
		PM ₁₀ (4)(5)	5.04	0.64
LG3-7F	Unit 3 Dead Storage Reclaim Fugitives	PM (4)(5)	0.02	<0.01
		PM ₁₀ (4)(5)	0.01	<0.01
LG3-7AF	Unit 3 Dead Storage Reclaim Belt Transfer Fugitives	PM (4)(6)	0.51	0.02
		PM ₁₀ (4)(6)	0.24	0.01
LG3-8F	Unit 3 Crusher Tower Transfer And Crushing Fugitives	PM (4)(5)	0.92	0.63
		PM ₁₀ (4)(5)	0.37	0.26
LG3-9F	Unit 3 Transfer Tower No. 31 Transfer Fugitives	PM (4)(5)	0.07	0.05
		PM ₁₀ (4)(5)	0.03	0.02
LG3-10	Unit 3 Transfer Tower No. 32 Exhaust Vent	PM	0.01	0.06
		PM ₁₀	0.01	0.03
LG3-10F	Unit 3 Transfer Tower No. 32 Transfer Fugitives	PM (4)(5)	0.10	0.42
		PM ₁₀ (4)(5)	0.05	0.20
LG3-11	Unit 3 Transfer Tower No. 33 Exhaust Vent	PM	0.01	0.06
		PM ₁₀	0.01	0.03

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
LG3-11F	Unit 3 Transfer Tower No. 33 Transfer Fugitives	PM (4)(5)	0.10	0.42
		PM ₁₀ (4)(5)	0.05	0.20
LG3-12WF	Wind Fugitives from Stacker/Reclaimer Conveyor	PM (4)	0.18	0.79
		PM ₁₀ (4)	0.09	0.39
LG3-14MF and LG3-14WF	Dead Storage Pile Wind and Maintenance Fugitives	PM (4)	0.02	0.06
		PM ₁₀ (4)	<0.01	0.01

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- (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 - particulate matter
PM₁₀ - particulate matter less than 10 microns in diameter
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Changes in emission point number (EPN) name and emission rates authorized by Standard Permit Number 38456
- (6) Changes in EPN name and emission rates authorized by Permit by Rule Registration Number 74655.

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

Dated July 14, 2006

