Permit Number 3635A

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, sources, and related activities. 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.	Source Name (2)	Air Contaminants Data Air Contaminant Name (3)	Emission R	ates (5)
(1)	Source Name (2)	All Containmant Name (3)	lbs/hour	TPY (4)
EP1	Boiler 1 Stack	РМ	0.31	
	25.2 MMBtu/hr (Natural Gas and	PM ₁₀	0.31	
	Biogas Combustion)	PM _{2.5}	0.31	
		voc	0.23	
		NO _X	1.07	
		SO ₂	6.73	
		СО	3.45	
EP2	Boiler 2 Stack	РМ	0.19	
	25.2 MMBtu/hr (Natural Gas	PM ₁₀	0.19	
	Combustion)	PM _{2.5}	0.19	
		voc	0.14	
		NO _X	2.47	
		SO ₂	0.01	
		СО	2.08	
EP3	Boiler 3 Stack	РМ	0.19	
	25.2 MMBtu/hr (Natural Gas	PM ₁₀	0.19	
	Combustion)	PM _{2.5}	0.19	
		VOC	0.14	
		NO _X	2.47	
		SO ₂	0.01	

Emission Point No.	Source Name (2)	Air Contominant Name (2)	Emission R	ates (5)
(1)	Source Name (2)	Air Contaminant Name (3)	lbs/hour	TPY (4)
		со	2.08	
EP4	Boiler 4 Stack	PM	0.19	
	25.2 MMBtu/hr (Natural Gas	PM ₁₀	0.19	
	Combustion)	PM _{2.5}	0.19	
		VOC	0.14	
		NO _X	2.47	
		SO ₂	0.01	
		СО	2.08	
EP5	Boiler 5 Stack	РМ	0.30	
	28.35 MMBtu/hr (Natural Gas and	PM ₁₀	0.30	
	Biogas Combustion)	PM _{2.5}	0.30	
		VOC	0.22	
		NO _X	3.97	
		SO ₂	6.49	
		СО	3.33	
EP6	Boiler 6 Stack	PM	0.30	
	28.35 MMBtu/hr (Natural Gas and	PM ₁₀	0.30	
	Biogas Combustion)	PM _{2.5}	0.30	
		VOC	0.22	
		NOx	3.97	
		SO ₂	6.49	
		со	3.33	
EP9	Boiler 9 Stack	РМ	0.25	

Emission Point No.	Source Name (2)	Air Contaminant Name (3)	Emission R	ates (5)
(1)	Source Name (2)	All Containmant Name (3)	lbs/hour	TPY (4)
	33.6 MMBtu/hr	PM ₁₀	0.25	
	(Natural Gas Combustion)	PM _{2.5}	0.25	
		VOC	0.18	
		NO _X	3.29	
		SO ₂	0.02	
		со	2.77	
EP21	Boiler 10 Stack	РМ	0.04	
	37.8 MMBtu/hr (Natural Gas	PM ₁₀	0.04	
	Combustion)	PM _{2.5}	0.04	
		VOC	0.15	
		NO _X	0.37	
		SO ₂	0.02	
		со	2.65	
EP7	Blood Dryer Furnace Cyclone Stack	РМ	0.04	
	5.5 MMBtu/hr	PM ₁₀	0.04	
	(Natural Gas Combustion)	PM _{2.5}	0.04	
	Combactiony	VOC	0.03	
		NO _X	0.54	
		SO ₂	<0.01	
		со	0.45	
EP8	Bone Dryer Furnace Cyclone Stack	РМ	0.15	
	20.0 MMBtu/hr	PM ₁₀	0.15	
		PM _{2.5}	0.15	

Emission Point No.	Source Name (2)	Air Contaminant Name (3)	Emission R	ates (5)
(1)	Source Name (2)	All Containmant Name (3)	lbs/hour	TPY (4)
	(Natural Gas Combustion)	voc	0.11	
	Combastion	NO _X	1.96	
		SO ₂	0.01	
		СО	1.64	
	Total Annual Emissions from	РМ		3.80
	Natural Gas (Boilers 1, 2, 3, 4, 5, 6, 9, 10	PM ₁₀		3.80
	and the Blood and Bone Dryer	PM _{2.5}		3.80
	Furnaces)	VOC		2.75
		NO _X		50.00
		SO ₂		0.30
		СО		42.00
	Total Annual Emissions from	РМ		2.11
	Biogas (Boilers 1, 5, and 6)	PM ₁₀		2.11
		PM _{2.5}		2.11
		VOC		1.52
		NO _X		27.70
		SO ₂		45.32
		со		23.27
B7	Blood Dryer Cyclone Stack (Blood Drying)	РМ	1.87	4.10
	2.33. (2.33d 2.7). iig)	PM ₁₀	1.87	4.10
		PM _{2.5}	0.32	0.70
		H ₂ S	0.12	0.27
		NH₃	0.92	2.02

Emission Point No.	Source Name (2)	Air Contominant Name (2)	Emission R	ates (5)
(1)	Source Name (2)	Air Contaminant Name (3)	lbs/hour	TPY (4)
B8	Bone Dryer Cyclone Stack (Bone Drying)	РМ	3.94	12.31
	Stack (Bolle Dryllig)	PM ₁₀	3.94	12.31
		PM _{2.5}	0.67	2.09
EP10	Flare Pilot and Lagoon Flare	РМ	<0.01	0.01
	Lagoon Flare	PM ₁₀	<0.01	0.01
		PM _{2.5}	<0.01	0.01
		VOC	6.87	3.44
		NO _X	6.80	3.53
		SO ₂	23.91	11.96
		СО	13.53	6.84
		H ₂ S	0.25	0.13
EPS1	Packed-Bed Room Air Scrubber Stack (Room Air and Cookers)	Odors		
EP11	Hammermills Fugitive Emissions	РМ	0.21	0.71
	T ugitive Emissions	PM ₁₀	0.21	0.71
		PM _{2.5}	0.04	0.12
EP12	Blood Pneumatic Cyclone Vent	РМ	1.71	7.51
	Systems vein	PM ₁₀	1.71	7.51
		PM _{2.5}	0.29	1.28
EP13	Blood Meal Bin Vent Stack	РМ	0.04	0.08
		PM ₁₀	0.01	0.02
		PM _{2.5}	<0.01	<0.01
EP14		PM	1.54	6.76

Emission Point No.	Cauras Nama (2)	Air Contominant Name (2)	Emission F	Rates (5)
(1)	Source Name (2)	Air Contaminant Name (3)	lbs/hour	TPY (4)
	Forsberg Cyclone 1 Vent	PM ₁₀	1.54	6.76
	Vent	PM _{2.5}	0.26	1.15
EP15	Forsberg Cyclone 2 Vent	РМ	1.54	6.76
	Vont	PM ₁₀	1.54	6.76
		PM _{2.5}	0.26	1.15
EP16	MBM Bin Vents Stack	РМ	0.07	0.21
	Clack	PM ₁₀	0.02	0.05
		PM _{2.5}	<0.01	0.01
EP17	Gel Bone Bin Vent Stack	PM	0.02	0.06
	Stack	PM ₁₀	0.01	0.02
		PM _{2.5}	<0.01	<0.01
EP18	Blood Meal Loadout Chute (Rail or Truck)	РМ	0.33	0.01
	Criate (Itali of Track)	PM ₁₀	0.08	<0.01
		PM _{2.5}	0.01	<0.01
EP19	MBM Loadout Chute (Rail or Truck)	РМ	0.33	0.28
	(Rail of Track)	PM ₁₀	0.08	0.07
		PM _{2.5}	0.01	0.01
EP20	Gel Bone Loadout	РМ	0.33	0.08
		PM ₁₀	0.08	0.02
		PM _{2.5}	0.01	<0.01

⁽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 - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

 $PM_{10}\,$ - $\,$ total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5},$ as represented

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

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 H₂S - hydrogen sulfide

NH₃ - ammonia

- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: June 30, 2020
