Special Permit Number 18847

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. (1)	mission Point No. (1) Source Name (2) Air Contaminant Name (3) Emission		Emission Ra	Rates (6)	
			lbs/hour	TPY (4)	
CRUSHER	P1 Crusher Operation (5) FINS (P1-HOP1, P1- FEED1,P1-CONV 1, P1-CRUSH1, P1- CONV2, P1-CONV3)	РМ	0.13	0.27	
		PM ₁₀	0.05	0.10	
		PM _{2.5}	0.03	0.07	
FUG-BLDG1	P1/P2 Building 1 Fugitives (5)	РМ	0.03	0.10	
	FINS (P1-BAGM1, P2-BAG2, P2-HOP3, P2-HOP2, P1-HOP5, P1-CONV4, P1-HOP3, P1-HOP2, P2-BAG1)	PM ₁₀	0.01	0.03	
		PM _{2.5}	0.01	0.02	
FUG-BLDG5	Fugitives (5) FINs (P3-HOP2, P3B-HOP6, P3A-CONV5, P5-BAGM1, P3A-BAGM5, P3B-HOP1, P3B-ELEV1, P3B-CONV1, P3B-SCRN1, P4A-HOP1, P4B-CONV2, P4B-SCRN1, P4-Elev1, P4-HOP1, P4B-BAG1, P4A-BAG1, P3B-BAGM6, P4C-CONV2, 3, & 4.	РМ	0.14	0.45	
		PM ₁₀	0.05	0.18	
		PM _{2.5}	0.04	0.13	
MATLHANDP1	P1 Material Handling Barite Ore (5) FIN (P1-MH1)	РМ	0.05	0.11	
		PM ₁₀	0.02	0.04	
		PM _{2.5}	0.01	0.03	

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MATLHANDP2	P2 Material Handling	PM	0.03	0.11
	(5)			
	FINs (P2-PIT1, P2- MH1, P2-TRK2, P2-	PM ₁₀	0.01	0.03
	RAIL1)	PM _{2.5}	<0.01	0.02
MATLHANDP4	P4 Material Handling (5)	РМ	0.07	0.29
	FINS (P4B-ELEV1, P4B-CONV1, P4C- RAIL1, P4B-HOP1,	PM ₁₀	0.01	0.04
	P4C-TRK1, P4C- PIT1)	PM _{2.5}	<0.01	0.02
STOCKPILE1	P1 Barite Ore Stockpile	РМ	0.18	0.37
	(5)	PM ₁₀	0.03	0.06
	FIN (P1-SP-1)	PM _{2.5}	0.01	0.02
VENT-A	P1 Rotary Kiln Dryer Baghouse Stack	PM	0.24	0.50
		PM ₁₀	0.13	0.27
	FIN (P1-DRY1)	PM _{2.5}	0.07	0.15
		СО	0.35	1.53
		NO _x	0.42	1.82
		voc	0.02	0.10
		SO ₂	<0.01	0.01
VENT-B	P1 Ring Roller Mill 1 Baghouse Stack	РМ	0.46	0.95
	FINs (P1-CONV 7,P1- HOP4, P1-FEED2, P1-	PM ₁₀	0.32	0.66
	RM1, P1-CONV6, P1- ELEV2, P1-SILO9, P1- SILO1, P1-ELEV1)	PM _{2.5}	0.11	0.24
VENT-C	P2-Silo2/Silo10 Bin Vent Filter	РМ	0.01	0.04
	FINs (P2-TRK1, P2-	PM ₁₀	<0.01	<0.01
	CONV1, P2-ELEV1, P2-SILO10, P2-SILO2)	PM _{2.5}	<0.01	<0.01

0.24	1.00
0.20	0.84
0.07	0.30
0.03	0.13
<0.01	0.02
<0.01	0.01
0.03	0.12
<0.01	0.02
<0.01	0.01
0.18	0.37
0.03	0.06
0.01	0.02
0.26	0.71
0.22	0.59
0.08	0.21
0.26	0.71
0.22	0.59
0.08	0.21
<0.01	0.01
<0.01	<0.01
<0.01	<0.01
0.02	0.08
<0.01	0.01
<0.01	<0.01
<0.01	<0.01
<0.01	<0.01
<0.01	<0.01
0.06	0.25
0.01	0.04
-	0.01

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		PM _{2.5}	<0.01	0.02
VENT-Q	P4 Bagging Hopper 3 Bin Vent Filter FINs (P4C-CONV3, P4C-HOP2, & P4C- Vent 7)	РМ	<0.01	0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
Bin Vent Filter FIN (P4B-HOP2)		РМ	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
	PM _{2.5}	<0.01	<0.01	
Line Equipment P4C-BH-1, FINs- (Heater, P4C-FEED4, P4C-Impact Mill, P4C- CONV5 & 6, P4- Feed1)	PM	0.26	1.09	
	P4C-BH-1, FINs-	PM ₁₀	0.20	0.84
	P4C-Impact Mill, P4C-	PM _{2.5}	0.07	0.30
		СО	0.21	0.85
	NO _x	0.25	1.00	
	SO ₂	<0.01	<0.01	
	voc	0.01	0.06	
	Bagging Hopper 8 Bin Vent Filter	РМ	0.03	0.13
	Vent i inter	PM ₁₀	0.01	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.
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 volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 total oxides of nitrogen (3) VOC NO_x

- sulfur dioxide SO_2

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

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

represented

- particulate matter equal to or less than 2.5 microns in diameter $\mathsf{PM}_{2.5}$

- carbon monoxide CO

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date:
