

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 2795

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		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
SP1	Main Vent			Hexane	23.10	97.02
SP2	Meal Dryer Aspiration			Hexane	9.80	41.16
SP3	Fugitive Exhaust Vent			Hexane	4.55	19.11
SP4	Fugitive Exhaust Vent			Hexane	4.55	19.11
SP5	Fugitive Exhaust Vent			Hexane	4.55	19.11
SP6	Fugitive Exhaust Vent			Hexane	4.55	19.11
SP8	Solvent Sump			Hexane	1.40	5.88
SP9	Storage Tank West			Hexane	1.40	5.88
SP10	Storage Tank East			Hexane	1.40	5.88
BR1	1st Cut Baling Cyclone			PM <sub>10</sub>	0.69	3.04
BR2	West 2nd Cut Baling Cyclone			PM <sub>10</sub>	0.69	3.04
BR3	Baling Press			PM <sub>10</sub>	0.49	2.14

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Emission Point No. (1)	Source		Air Contaminant		<u>Emission Rates *</u>	
	Name (2)	Name (3)	lb/hr	TPY		
	Aspiration Cyclone					
CR1	Bauer Cleaner			PM <sub>10</sub>	1.54	6.76
	Cyclone					
CR2	Bauer Cleaner			PM <sub>10</sub>	1.54	6.76
	Cyclone					
CR3	Bauer Cleaner			PM <sub>10</sub>	1.54	6.76
	Cyclone					
CR4	Bauer Cleaner			PM <sub>10</sub>	1.54	6.76
	Cyclone					
CR5	Bauer Cleaner			PM <sub>10</sub>	1.54	6.76
	Cyclone					
CR6	Bauer Cleaner			PM <sub>10</sub>	1.54	6.76
	Cyclone					
CR7	Bauer Cleaner			PM <sub>10</sub>	1.54	6.76
	Cyclone					
CR8	Rock and Shale			PM <sub>10</sub>	2.06	9.01
	Trap Cyclone					
CR12	Grabbots Gin and			PM <sub>10</sub>	1.41	6.19
	Stoner Aspiration					
HR1A	Chandler Huller No. 5			PM <sub>10</sub>	0.64	2.82
	Cyclone (west)					
HR1B	Chandler Huller No. 5			PM <sub>10</sub>	0.64	2.82
	Cyclone (east)					
HR2A	Carver Huller No. 6			PM <sub>10</sub>	0.64	2.82
	Cyclone (west)					

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	Name (2)	Name (3)	lb/hr	TPY		
HR2B	Carver Huller No. 6 Cyclone (east)			PM <sub>10</sub>	0.64	2.82
LR3	1st Cut Robbing Cyclone			PM <sub>10</sub>	1.41	6.19
LR4	2nd Cut "A" Line Robbing Cyclone			PM <sub>10</sub>	0.51	2.25
LR5	2nd Cut "B" Line Robbing Cyclone			PM <sub>10</sub>	0.51	2.25
LR6	2nd Cut "C" Line Robbing Cyclone			PM <sub>10</sub>	0.51	2.25
LR7	Reclaim Beater Cyclone			PM <sub>10</sub>	0.77	3.38
LR8	Salvage Beater Cyclone			PM <sub>10</sub>	0.64	2.82
PR1	Meats Fluidizing System Cyclone			PM <sub>10</sub>	0.18	0.77
PR2	Flaking Roll Aspiration System			PM <sub>10</sub>	0.57	2.50
LR2	1st Cut Lint Filter (Cam-Vac)			PM <sub>10</sub>	2.41	10.55
LR9	2nd Cut "A" Line Cam-Vac Filter			PM <sub>10</sub>	2.06	9.01
LR10	2nd Cut "B" Line Cam-Vac Filter			PM <sub>10</sub>	2.06	9.01

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Emission Point No. (1)	Source		Air Contaminant		Emission Rates *	
	Name (2)	Name (3)	lb/hr	TPY		
LR11	2nd Cut "C" Line Cam-Vac Filter			PM <sub>10</sub>	2.06	9.01
LR12	Linter Carter-Day Filter			PM <sub>10</sub>	0.47	2.06
SP7	Meal Cooling/Conveying Bag Filter			PM <sub>10</sub>	1.12	4.91
LO1	Meal Load-Out (trucks)			TSP	6.75	4.12
				PM <sub>10</sub>	3.38	2.06
LO2	Meal Load-Out (rail car)			TSP	4.50	0.13
				PM <sub>10</sub>	2.25	0.06
LO3	Hull Load-Out (trucks)			TSP	4.50	2.82
				PM <sub>10</sub>	2.25	1.41
LO4	No. 2 Warehouse (Hull) Load-Out			TSP	4.50	0.06
				PM <sub>10</sub>	2.25	0.03
RE1	West Dump			TSP	13.50	16.02
				PM <sub>10</sub>	6.75	8.01
RE2	East Dump			TSP	9.00	2.88
				PM <sub>10</sub>	4.50	1.44
BOILER	600 hp Mill Boiler (diesel)			PM <sub>10</sub>	0.37	1.61
				SO <sub>2</sub>	0.13	0.57
				NO <sub>x</sub>	3.67	16.06
				CO	0.92	4.01
				NMOC	0.04	0.20
	600 hp Mill Boiler (natural gas)			PM <sub>10</sub>	0.34	1.51
				SO <sub>2</sub>	0.02	0.07
				NO <sub>x</sub>	3.52	15.40
				CO	0.88	3.85

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NMOC	0.07	0.31
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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)
  - TSP - total suspended particulate matter including PM<sub>10</sub>
  - PM<sub>10</sub> - particulate matter less than 10 microns
  - SO<sub>2</sub> - sulfur dioxide
  - NO<sub>x</sub> - total oxides of nitrogen
  - CO - carbon monoxide
  - NMOC - non-methane organic compound
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(\*) Emission rates are based on and the facilities are limited by the

following  
maximum  
operating  
schedule  
and  
throughput  
s:

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Cottonseed: 25 Tons/hr 600 Tons/day 210,000 Tons/yr

Dated\_\_\_\_\_