EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

4437

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 amendment 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
39A	PP TANK FARM	PM	0.017	0.067
		VOC	3.02	11.8
39B	PELLET LOADING SPOT No. 13	PM	0.036	0.158
		VOC	0.013	0.055
39C	PELLET LOADING SPOT No. 14	PM	0.051	0.225
		VOC	0.013	0.055
39D	HOPPER CAR LOADING SPOT	PM	0.001	0.004
39E	PP BAGGING AND BOXING	PM	0.001	0.007
		VOC	0.013	0.055
52	FLUFF FILTER	PM	0.001	0.000
53	BAGGING HOUSE	PM	0.0001	0.000
56	PP FUGITIVES	VOC	8.892	38.95
58	WASTE HEAT BOILER	NOx	6.8	24.5
		PM	14.1	51.10
		HCl	13.9	51.10

EFFECTIVE NOT LATER THAN DECEMBER 1, 1993, EPN 58 SHALL BE REMOVED FROM SERVICE. ALL ALLOWABLES FROM THIS EPN WILL THEN BE REDUCED TO ZERO.

59	PP FLARE	PM	0.192	0.515
		NOx	2.732	7.267
		CO	13.964	37.14

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		VOC	39.99	105.8
132	PP COOLING TOWER	VOC	0.947	4.147

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
TRAIN 1 VENT FILTERS				
710	EXTRUDER FEED TANK	PM	0.008	0.025
		VOC	1.02	3.32
711	WEIGH TANK	PM	0.002	0.006
		VOC	0.021	0.068
713	RIBBON BLENDER	PM	0.003	0.011
		VOC	0.075	0.244
715	SLAVE FEEDER	PM	0.003	0.011
		VOC	0.008	0.027
716	PURE ADD. DUST	PM	0.600	1.588
717	RIBBON BLENDER	PM	0.092	0.298
		VOC	0.071	0.230
718	FCM FEED CHUTE	PM	0.115	0.373
		VOC	0.033	0.108
719	PELLET DRYER	PM	0.005	0.017
		VOC	0.013	0.041
TRAIN 2 VENT FILTERS				
720	EXTRUDER FEED TANK	PM	0.005	0.018
		VOC	0.739	2.4
721	WEIGH TANK	PM	0.002	0.004
		VOC	0.013	0.041
723	RIBBON BLENDER	PM	0.002	0.006
		VOC	0.054	0.176
725	SLAVE FEEDER	PM	0.002	0.006

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		VOC	0.008	0.027
727	RIBBON BLENDER	PM	0.046	0.149
		VOC	0.050	0.162
728	FCM FEED CHUTE	PM	0.061	0.199
		VOC	0.021	0.068
729	PELLET DRYER	PM	0.005	0.017
		VOC	0.008	0.027
TRAIN 3 VENT FILTERS				
730	TANK VENT FILTER	PM	0.019	0.061
		VOC	0.209	0.677
731	WEIGH TANK	PM	0.001	0.002
		VOC	0.008	0.027
733	RIBBON BLENDER (ADDITION)	PM	0.001	0.002
		VOC	0.025	0.081
735	SLAVE FEEDER	PM	0.001	0.002
736	PURE ADD. DUST (TRAINS 3 AND 4)	PM	0.600	1.643
737	RIBBON BLENDER	PM	0.002	0.005
		VOC	0.004	0.014
738	FCM FEED CHUTE	PM	0.019	0.062
739	PELLET DRYER	PM	0.005	0.017
TRAIN 4 VENT FILTERS				

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
740	EXTRUDER FEED TANK	PM	0.024	0.073
		VOC	1.286	4.17
741	WEIGH TANK VENT FILTER	PM	0.005	0.013
		VOC	0.033	0.108

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
743	RIBBON BLENDER	PM	0.004	0.014
		VOC	0.146	0.474
745	SLAVE FEEDER	PM	0.007	0.023
		VOC	0.017	0.054
747	HIGH SPEED BLENDER	PM	0.175	0.568
		VOC	0.134	0.433
748	EXTRUDER FEED CHUTE	VOC	0.033	0.108
749	EXTRUDER VENT	VOC	0.029	0.095
750	PELLET DRYER	PM	0.008	0.025
		VOC	0.021	0.068

(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
VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
CO - carbon monoxide
HCl - hydrogen chloride
(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:

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