

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19073

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 *	Source	Air Contaminant	<u>Emission Rates</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
672	Vacuum Cleaning System	PM	0.1	<0.01
673	CB Unloading Ventilation System Filter	PM	<0.01	<0.01
674	CB Dense Phase Conveying System Filter	PM	0.1	0.07
675	CB Dense Phase Conveying System Filter	PM	0.1	0.07
676	Polyethylene and Rubber Dump System Filter	PM VOC	0.24 <0.02	0.28 <0.02
677	CB Dense Phase Conveying System Filter	PM	0.10	0.06
678	CB Storage Bin Filter	PM	0.10	0.07
679	CB Storage Bin Filter	PM	0.10	0.07
680	CB Storage Bin Filter	PM	0.10	0.04
681	CB Storage Bin Filter	PM	0.10	0.02
682	Rubber Dump Hopper Filter	PM VOC	0.24 <0.02	0.28 <0.02
683	Resin Filter Receiver	PM	0.02	0.02

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Emission * Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lb/hr	TPY
684	Resin Filter Receiver	PM	0.02	0.02
685	Resin Filter Receiver	PM	0.02	0.02
686	Resin Bin Vent Filter	PM	0.02	0.02
687	Rubber Bin Vent Filter	PM	0.24	0.14
		VOC	<0.02	<0.02
688	Trim Bin Vent Filter	PM	0.02	<0.01
689	Resin Bin Vent Filter	PM	0.02	0.02
690	Resin Bin Vent Filter	PM	0.02	0.02
691	Rubber Bin Vent Filter	PM	0.24	0.14
		VOC	<0.02	<0.02
692	Trim Bin Vent Filter	PM	0.02	<0.01
693	Resin Bin Vent Filter	PM	0.02	0.02
694	Trim Bin Vent Filter	PM	0.02	<0.01
695	Fugitives (4)	VOC	<0.01	0.03
696	Additive Dump Hopper Filter <0.01		PM	0.08
697	Additive Dump Hopper Filter <0.01		PM	0.08
698	Additive Dump Hopper Filter <0.01		PM	0.08
699	Additive Dump Hopper Filter		PM	0.08

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Point No. (1)	Name (2)	Name (3)	lb/hr	TPY
	<0.01			
728	Additive Dump Hopper Filter <0.01		PM	0.08
729	Additive Dump Hopper Filter <0.01		PM	0.08
730	Additive Dump Hopper Filter <0.01		PM	0.08
731	Additive Dump Hopper Filter <0.01		PM	0.08
732	Compounding Line Filter	VOC (5)	0.16	0.71
		VA (6)	0.82	(7)
		PM	<0.01	0.02
733	Pellet Dryer	PM	0.05	0.19
734	Compounding Line Filter	VOC (5)	0.16	0.71
		VA (6)	0.82	(7)
		PM	<0.01	0.02
735	Pellet Dryer	PM	0.05	0.19
736 (7)	Compounding Line Filter	VA (6)	0.82	4.35
		PM	<0.01	0.02
737	Pellet Dryer	PM	0.05	0.17
738	Peroxide Storage Tank Vent	VOC	(8)	(9)

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			lb/hr	TPY
739	Peroxide Storage Tank Vent	VOC	(8)	(9)
740	Peroxide Day Bin Vent	VOC	(8)	(9)
741 (9)	Peroxide Day Bin Vent	VOC	0.93 (8)	4.06
742	Surge Hopper Vent Filter	PM	0.01	0.04
744	Packaging Bin Vent Filter	PM	0.01	0.04
746	Surge Hopper Vent Filter	PM	0.01	0.04
748	Packaging Bin Vent Filter	PM	0.01	0.04
750	Surge Hopper Vent Filter	PM	0.01	0.03
752	Packaging Bin Vent Filter	PM	0.01	0.03
		Acetic Acid	1.50	6.31
		VA (6)	0.03	0.13
		Cumene	0.04	0.15
		Phenol	0.01	0.03
		a-Methylstyrene	0.02	0.10
		Acetophenone	0.17	0.72
758	Fume Removal Blower	VA (6)	1.37	2.95
		VOC (5)	0.16	0.71
759	Resin Storage Bin	PM	0.02	<0.01
760	Additive Dump Hopper Filter <0.01		PM	0.08

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<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>lb/hr</u>	<u>TPY</u>
1030	Kinetic Deduster	PM	0.02	0.07
1031	Kinetic Deduster	PM	0.02	0.07
1032	Kinetic Deduster	PM	0.02	0.07
1065	Maintenance Building Vent	VOC	0.08	0.33
1066	Packaging Line 1 Vent	PM	<0.01	<0.01
1067	Packaging Line 2 Vent	PM	<0.01	<0.01
1068	Packaging Line 3 Vent	PM	<0.01	<0.01
750,752,1032, and 1068	Vents	Acetone	0.38	1.66
		Acetophenone	0.14	0.60
		Cumene	0.02	0.10
		VOC (10)	0.77	3.36

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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  
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1.
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) VOC excludes vinyl acetate
- (6) VA - vinyl acetate
- (7) Total annual emission rate for EPNs 732, 734, and 736
- (8) Total hourly emission rate for EPNs 738, 739, 740, and 741
- (9) Total annual emission rate for EPNs 738, 739, 740, and 741
- (10) VOC excludes acetophenone and cumene

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

\_\_\_\_\_Hrs/day\_\_\_\_\_Days/week\_\_\_\_\_Weeks/year or 8,760  
Hrs/year

Dated\_\_\_\_\_