

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

7531

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 Name (2)	Air Contaminant Name (3)	<u>Emission Rates</u>	
			lb/hr	TPY
B84F1	R-21 (4)	CO	0.17	0.02
		CH <sub>2</sub> Cl <sub>2</sub> (5)	0.02	<0.01
		NO <sub>x</sub>	0.05	0.22
		PM <sub>10</sub>	<0.01	<0.01
		SO <sub>2</sub>	<0.01	<0.01
		Cl <sub>2</sub> (5)	0.37	0.04
		HCl (5)	20.75	2.00
B84FU1	Fugitives (6)	CO	0.01	0.04
		VOC	0.09	0.40
		CH <sub>2</sub> Cl <sub>2</sub>	3.95	17.30
		Cl <sub>2</sub>	0.02	0.10
		HCl	0.23	1.00
		Phosgene	0.06	0.30
		Freon 22	5.70	24.90
B84V20	Vent Stack (4)			
B84S734	THROX	CO	0.02	0.10
		CH <sub>2</sub> Cl <sub>2</sub>	0.04	0.20
		Cl <sub>2</sub>	0.06	0.30
		HCl	0.76	3.30
		NO <sub>x</sub>	0.17	0.80
		PM <sub>10</sub>	<0.01	0.02
		SO <sub>2</sub>	<0.01	<0.01
B84V143	Dryers	CH <sub>2</sub> Cl <sub>2</sub>	0.48	2.10
		PM <sub>10</sub>	0.50	2.10

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Emission Point No.	Source (1)	Air Contaminant Name (2)	Emission Rates * Name (3)	lb/hr	TPY
B84V243	Dryers	CH <sub>2</sub> Cl <sub>2</sub>		0.72	3.15
		PM <sub>10</sub>		0.50	2.19
B84V112	Drum	PM <sub>10</sub>		0.24	1.07
B84V214	Drum	PM <sub>10</sub>		0.37	1.61
B84SP5012	BL-501	PM <sub>10</sub>		0.06	0.22
B84SP5021	BL-502	PM <sub>10</sub>		0.06	0.22
B84SP5031	BL-503	PM <sub>10</sub>		0.05	0.09
B84SP5041	BL-504	PM <sub>10</sub>		0.05	0.13
B84SV901	TR I Extruder Vents	CH <sub>2</sub> Cl <sub>2</sub>		0.08	0.21
		CO		0.07	0.19
B84SV2520	TR II Extruder Vents	CH <sub>2</sub> Cl <sub>2</sub>		0.43	1.48
		CO		0.31	1.06
B84SB817	S-817	PM <sub>10</sub>		<0.01	0.02
B84SB818	S-818	PM <sub>10</sub>		<0.01	0.02
B84SB819	S-819	PM <sub>10</sub>		<0.01	0.02
B84SB820	S-820	PM <sub>10</sub>		<0.01	0.02
B84SB818	S-822	PM <sub>10</sub>		<0.01	0.02
B84LR817	Loading Area	PM <sub>10</sub>		0.01	0.01
B84V160	CD-160	PM <sub>10</sub>		0.03	0.12

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Emission Point No.	Source (1)	Air Contaminant Name (2)	<u>Emission Rates *</u> Name (3)	lb/hr	TPY
B84V161A		CH-161A	PM <sub>10</sub>	0.03	0.07
B84V161B		CH-161B	PM <sub>10</sub>	0.03	0.07
B84V170A		CH-170A	PM <sub>10</sub>	0.04	0.04
B84V170B		CH-170B	PM <sub>10</sub>	0.04	0.04
B84V810		SB-810	PM <sub>10</sub>	0.29	0.02
B84V811		SB-811	PM <sub>10</sub>	0.29	0.02
B84V812		SB-812	PM <sub>10</sub>	0.29	0.02
B84V813		SB-813	PM <sub>10</sub>	0.29	0.02
B84V814		SB-814	PM <sub>10</sub>	0.29	0.02
B84V815		SB-815	PM <sub>10</sub>	0.29	0.02
B84V816		SB-816	PM <sub>10</sub>	0.29	0.02
B84SP831		PD-831	PM <sub>10</sub>	<0.01	<0.01
B84SP833		PD-833	PM <sub>10</sub>	<0.01	<0.01
B84SP842		CY-842	PM <sub>10</sub>	0.09	<0.01
B84SP843		CY-843	PM <sub>10</sub>	0.09	<0.01
B84V921		H-921	PM <sub>10</sub>	0.21	<0.01
B84V922		H-922	PM <sub>10</sub>	0.21	<0.01

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Emission Point No.	Source (1)	Air Contaminant Name (2)	<u>Emission Rates *</u> Name (3)	lb/hr	TPY
B84SP1020		H-1020	PM <sub>10</sub>	0.09	<0.01
B84SP1030		H-1030	PM <sub>10</sub>	0.18	0.01
B84SP1130		H-1130	PM <sub>10</sub>	0.18	<0.01
B84SP1140		H-1140	PM <sub>10</sub>	0.15	0.01
B84SP1330		H-1330	PM <sub>10</sub>	0.15	0.01
B84SP1340		H-1340	PM <sub>10</sub>	0.09	<0.01
B84SP1430		H-1430	PM <sub>10</sub>	0.09	<0.01
B84SP1440		H-1440	PM <sub>10</sub>	0.09	<0.01
B84SP1630		H-1630	PM <sub>10</sub>	0.09	<0.01
B84SP1830		H-1830	PM <sub>10</sub>	0.09	<0.01
B84V900		PB-900	PM <sub>10</sub>	0.24	<0.01
B84V970		PB-970	PM <sub>10</sub>	0.45	<0.01
B84LR810		Loading Area	PM <sub>10</sub>	0.13	0.01
B84SP2301		PD-2301	PM <sub>10</sub>	<0.01	<0.01
B84V2301		S-2301	PM <sub>10</sub>	0.22	0.01
B84V2302		S-2302	PM <sub>10</sub>	0.22	0.1
B84SP2303		S-2303	PM <sub>10</sub>	0.01	<0.01
B84SP2304		S-2304/S-2305	PM <sub>10</sub>	<0.01	<0.01

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Emission Point No.	Source (1)	Air Contaminant Name (2)	<u>Emission Rates *</u> Name (3)	lb/hr	TPY
B84SP1040		H-1040	PM <sub>10</sub>	0.06	<0.01
B84SP841		CY-841	PM <sub>10</sub>	0.05	<0.01
B84SP1035		PD-1035	PM <sub>10</sub>	<0.1	<0.01
B84V2010		SB-2010	PM <sub>10</sub>	0.46	0.02
B84V2020		SB-2020	PM <sub>10</sub>	0.25	0.02
B84V2030		SB-2030	PM <sub>10</sub>	0.24	<0.01
B84SP2001		PD-2001	PM <sub>10</sub>	<0.01	<0.01
B84V821		SB-821	PM <sub>10</sub>	0.28	0.05
B84SP844		CY-844	PM <sub>10</sub>	0.09	0.01
B84V910A		PB-910A	PM <sub>10</sub>	0.02	0.04
B84V910B		PB-910B	PM <sub>10</sub>	0.02	0.04
B84V920A		PB-920A	PM <sub>10</sub>	0.02	0.02
B84V920B		PB-920B	PM <sub>10</sub>	0.02	0.02
B84V930A		PB-930A	PM <sub>10</sub>	0.02	0.03
B84V930B		PB-930B	PM <sub>10</sub>	0.02	0.03
B84V940A		PB-940A	PM <sub>10</sub>	0.02	0.02
B84V940B		PB-940B	PM <sub>10</sub>	0.02	0.02

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Emission Point No.	Source (1)	Air Contaminant Name (2)	<u>Emission Rates *</u>		TPY
			Name (3)	lb/hr	
B84V950A		PB-950A	PM <sub>10</sub>	0.02	0.02
B84V950B		PB-950B	PM <sub>10</sub>	0.02	0.02
B84V960A		PB-960A	PM <sub>10</sub>	0.02	0.02
B84V960B		PB-960B	PM <sub>10</sub>	0.02	0.02
B84SP901		PD-901	PM <sub>10</sub>	<0.01	<0.01
B84SP1010A		PB-1010A	PM <sub>10</sub>	<0.01	<0.01
B84SP1010B		PB-1010B	PM <sub>10</sub>	<0.01	<0.01
B84SP1110A		PB-1110A	PM <sub>10</sub>	<0.01	<0.01
B84SP1110B		PB-1110B	PM <sub>10</sub>	<0.01	<0.01
B84V1310A		PB-1310A	PM <sub>10</sub>	0.02	0.03
B84V1310B		PB-1310B	PM <sub>10</sub>	0.02	0.03
B84V1410A		PB-1410A	PM <sub>10</sub>	0.02	0.02
B84V1410B		PB-1410B	PM <sub>10</sub>	<0.01	0.02
B84SP1610A		PB-1610A	PM <sub>10</sub>	<0.01	<0.01
B84SP1610B		PB-1610B	PM <sub>10</sub>	<0.01	<0.01
B84SP1810A		PB-1810A	PM <sub>10</sub>	<0.01	<0.01
B84SP1810B		PB-1810B	PM <sub>10</sub>	<0.01	<0.01
B84LR900		Loading Area	PM <sub>10</sub>	0.17	0.05

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Emission Point No.	Source (1)	Air Contaminant Name (2)	<u>Emission Rates *</u> Name (3)	lb/hr	TPY
B84V2501		CD-2501	PM <sub>10</sub>	0.70	0.22
B84SP2202		PD-2202	PM <sub>10</sub>	<0.01	<0.01
B84SP2212		PD-2212	PM <sub>10</sub>	<0.01	<0.1
B84SP2220		RB-2220	PM <sub>10</sub>	0.02	<0.01
B84SP2240		RB-2240	PM <sub>10</sub>	0.01	<0.01
B84SP2230		RB-2230	PM <sub>10</sub>	0.01	<0.01
B84V2210		RB-2230	PM <sub>10</sub>	0.41	0.08
B84LR2210		Loading Area	PM <sub>10</sub>	0.13	0.11
B84V2510		CD-2510	PM <sub>10</sub>	0.70	<0.01
B84V2530		FL-2530	PM <sub>10</sub>	<0.01	0.02
B84SP923		CY-923	PM <sub>10</sub>	0.05	<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<sub>10</sub> - particulate matter less than 10 microns  
VOC - volatile organic compounds as defined in General Rule 101.1  
CH<sub>2</sub>Cl<sub>2</sub> - methylene chloride  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide

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Emission Point No.	Source (1)	Air Contaminant Name (2)	Emission Rates * Name (3)	lb/hr	TPY
		CO - carbon monoxide			
		CL <sub>2</sub> - chlorine			
		HCl - hydrogen chloride			
(4)	For emergency use only.				
(5)	Permitted for a maximum of 193 hour per year only when the THROX is down.				
(6)	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 \_\_\_\_\_ Days/week \_\_\_\_\_ Weeks/year \_\_\_\_\_ or Hrs/year 8760