

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 21986

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)	Emission Rates *	
			lb/hr	TPY
Narrow Body Hangar				
0101a	Medium Paint Booth Stack	VOC	8.28	0.05
		Non-VOC	12.67	0.09
		PM	0.12	<0.01
0101b	Soak Tank	VOC (4)	23.58	0.21
		Non-VOC (4)	23.00	1.50
0102	Medium Paint Booth Stack	VOC	8.28	2.11
		Non-VOC	12.67	0.09
		PM	0.12	0.04
0103a	Large Paint Booth Stack	VOC	23.58	10.98
		Non-VOC	23.00	1.50
		PM	0.12	0.04
0103b	Large Paint Booth Stack	VOC	23.58	10.98
		Non-VOC	23.00	1.50
		PM	0.12	0.04
0105a	Cleaning Booth Stack	VOC	23.58	0.51
		PM	0.38	<0.01
0105b	Soak Tank	VOC (4)	23.58	0.21
		Non-VOC (4)	23.00	1.50
0108	Aircraft Paint Stripper	VOC (4)	18.36	5.05
		Non-VOC (4)	13.99	3.37
0109	Touch-Up Painting	VOC (4)	23.58	11.36
		Non-VOC (4)	23.00	1.50

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		PM (4)	1.50	0.85
0110a-t	20 Cold Solvent Cleaning Tanks	VOC (4)	13.33	2.97
		Non-VOC (4)	0.14	0.03
Building Openings	Paint Flash Off	VOC (4)	40.60	7.35

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

Wide Body Hangar

0201a	Medium Paint Booth Stack	VOC	8.28	0.04
		Non-VOC	12.67	0.09
		PM	0.12	<0.01
0201b	Soak Tank	VOC (4)	23.58	0.21
		Non-VOC (4)	23.00	1.50
0202a	Large Paint Booth Stack	VOC	23.58	10.98
		Non-VOC	23.00	1.50
		PM	0.12	0.04
0202b	Large Paint Booth Stack	VOC	23.58	10.98
		Non-VOC	23.00	1.50
		PM	0.12	0.04
0206a	Cleaning Booth Stack	VOC	23.58	0.51
		Non-VOC	23.00	1.50
		PM	0.38	0.03
0206b	Soak Tank	VOC (4)	23.58	0.21
		Non-VOC (4)	23.00	1.50
Building Openings	Paint Flash Off	VOC (4)	30.45	4.75

Components/Material Services/Administration/Central Facilities Building

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0301a	Cleaning Booth Stack	VOC	23.58	1.09
		Non-VOC	23.00	1.50
		PM	0.38	<0.01
0301b	Medium Paint Booth Stack	VOC	23.58	9.24
		Non-VOC	23.00	1.50
		PM	0.12	0.03
0302a	Cleaning Booth Stack	VOC	23.58	0.06
		Non-VOC	23.00	1.50
		PM	0.38	<0.01
0302b	Cobehn Cleaner Stack	Non-VOC	10.80	0.10

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
0304a-d	Stacks from Four Cleaning Booths	VOC	94.32	0.03
		Non-VOC	92.00	0.03
		PM	1.50	0.12
0305	Spot Cleaning	VOC (4)	23.58	0.21
		Non-VOC (4)	23.00	1.50
0306a&b	Stacks from Two Cleaning Booths	VOC	47.16	0.26
		Non-VOC	46.00	0.03
		PM	0.75	0.06
0306c	Varnish Dip Tank	VOC (4)	2.84	0.28
0308	Heat Press for Plastics	VOC (4)	9.60	0.02
0309	Inflatable Item Patching	VOC (4)	23.58	0.21
		Non-VOC (4)	23.00	1.50
0310	Touch-Up Painting	VOC (4)	18.43	0.18
		PM (4)	1.90	0.04
Building	Paint Flash Off	VOC (4)	10.15	2.35

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Openings

Central Utility Plant

0401a	Boiler No. 1	NO _x	4.20	4.20
		SO ₂	6.51	4.71
		CO	21.00	11.10
		NM VOC	0.84	0.57
		PM	0.70	0.60
0401b	Boiler No. 2	NO _x	4.20	4.20
		SO ₂	6.51	4.71
		CO	21.00	11.10
		NM VOC	0.84	0.57
		PM	0.70	0.60
0401c	Boiler No. 3	NO _x	4.20	4.20
		SO ₂	6.51	4.71
		CO	21.00	11.10
		NM VOC	0.84	0.57
		PM	0.70	0.60

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
0401d	Boiler No. 4	NO _x	4.20	4.20
		SO ₂	6.51	4.71
		CO	21.00	11.10
		NM VOC	0.84	0.57
		PM	0.70	0.60
0401e	Boiler No. 5	NO _x	4.20	4.20
		SO ₂	6.51	4.71
		CO	21.00	11.10
		NM VOC	0.84	0.57
		PM	0.70	0.60
0401f	Fuel Storage Tank-Jet A	VOC (4)	0.03	0.02
0401g	Fuel Storage	VOC (4)	0.14	<0.01

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Tank-Diesel

0401h	Fuel Storage Tank-Gasoline	VOC (4)	49.10	0.09
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Engine/Landing Gear/Accessory Overhaul Building

0501a	Engine Test Cell No. 1	NO _x	436.93	36.84
		SO ₂	121.50	12.92
		CO	33.34	6.17
		NM VOC	24.68	2.23
		PM	11.25	0.96
0501b	Engine Test Cell No. 2	NO _x	436.93	36.84
		SO ₂	121.50	12.92
		CO	33.34	6.17
		NM VOC	24.68	2.23
		PM	11.25	0.96
0501c	APU Test Cell	NO _x	1.27	0.44
		SO ₂	2.70	0.28
		CO	4.09	0.01
		NM VOC	0.32	0.06
		PM	0.50	0.09
0501d	Fuel Storage Tank-Jet A	VOC (4)	0.13	0.01

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
0502	Cleaning Booth Stack	VOC	23.58	1.04
		Non-VOC	23.00	1.50
		PM	0.38	0.01
0505a	Degreaser	Non-VOC (4)	10.80	0.89
0505b	Wet Scrubber Stack	Metals	<0.04	<0.04
0507	Cleaning Booth	VOC	23.58	0.17

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	Stack	Non-VOC	23.00	1.50
		PM	0.38	<0.01
0510a-c	3 Degreasers	Non-VOC (4)	32.40	2.57
0510d	Cleaning Booth	VOC	23.58	0.27
	Stack	Non-VOC	23.00	1.50
		PM	0.38	<0.01
0515	Engine Repair Adhesives	VOC (4)	9.60	0.03
0516a	Degreaser	Non-VOC (4)	10.80	0.89
0516b	Ink Masking Booth	VOC (4)	5.60	0.08
		PM (4)	<0.01	0.05
0516c	Plasma Spray Booth	PM (4)	<0.01	<0.01
0517a	Medium Paint Booth	VOC	23.58	0.23
	Stack	Non-VOC	23.00	1.50
		PM	0.12	<0.01
0517b	Cleaning Booth	VOC	23.58	0.21
	Stack	Non-VOC	23.00	1.50
0518	Cleaning Booth	VOC	23.58	0.42
	Stack	Non-VOC	23.00	1.50
Building Openings	Paint Flash Off	VOC (4)	10.15	2.35

Industrial Wastewater Treatment Facility

0601	Wastewater Treater	VOC	0.59	0.08
		Non-VOC	0.03	0.07

- (1) Emission point identification - emission point number from plot plan.
(2) Specific point source name or area name for fugitive sources.
(3) PM - total suspended particulate matter
VOC - volatile organic compounds as defined in General Rule 101.1
Non-VOC - methylene chloride, tetrachloroethylene and 1,1,1-trichloroethane

NM VOC - non-methane portion of total VOC from combustion

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

CO - carbon monoxide

Metals - cadmium, chromium, nickel and silver

(4) Fugitive emissions.

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

Hours/day 24 Days/week 7 Weeks/year 52

with the exception of the engine test cell and tank shop which is limited by the following maximum operating schedule:

Hours/day 16 Days/week 5 Weeks/year 52

Dated_____