FACILITY PERMIT TO OPERATE

THE BOEING COMPANY - C17 PROGRAM
2401 E WARDLOW RD
LONG BEACH, CA 90807

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By _____
Carol Coy
Deputy Executive O cer
Engineering & Compliance

FACILITY PERMIT TO OPERATE
THE BOEING COMPANY - C17 PROGRAM

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SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR:	THE BOEING COMPANY - C17 PROGRAM
LEGAL OPERATOR (if different than owner):	
EQUIPMENT LOCATION:	2401 E WARDLOW RD LONG BEACH, CA 90807
MAILING ADDRESS:	2401 E WARDLOW RD M/C C054-0428 LONG BEACH, CA 90807
RESPONSIBLE OFFICIAL:	ROBERT P. STANGER
TITLE:	DIRECTOR, PRODUCTION OPERATIONS
TELEPHONE NUMBER:	(562) 496-7747
CONTACT PERSON:	WILLIAM PEARCE
TITLE:	EHS PROGRAM SPECIALIST
TELEPHONE NUMBER:	(562) 593-0217
TITLE V PERMIT ISSUED:	January 20, 2003
TITLE V PERMIT EXPIRATION DATE:	January 19, 2008

TITLE V	RECLAIM	
YES	NOx:	YES
	SOx:	NO
	CYCLE:	2
	ZONE:	COASTAL

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002.Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 11/08/07 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
7/2004	6 /2005	Coastal	25364	801	0
1/2005	12/2005	Coastal	0	0	0
7/2005	6 /2006	Coastal	25364	724	0
1/2006	12/2006	Coastal	0	0	0
7/2006	6 /2007	Coastal	25364	16338	0
1/2007	12/2007	Coastal	0	0	0
7/2007	6 /2008	Coastal	25364	29699	0
1/2008	12/2008	Coastal	0	12969	441
7/2008	6 /2009	Coastal	25364	28675	1024
1/2009	12/2009	Coastal	0	13528	881
7/2009	6 /2010	Coastal	25364	27651	2049
1/2010	12/2010	Coastal	0	13088	1322
7/2010	6 /2011	Coastal	25364	26626	3073
1/2011	12/2011	Coastal	0	12647	1762
7/2011	6 /2012	Coastal	25364	25602	3279
1/2012	12/2012	Coastal	0	12647	1762
7/2012	6 /2013	Coastal	25364	29402	3279

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002.Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

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RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 11/08/07 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
1/2013	12/2013	Coastal	0	12647	1762
7/2013	6 /2014	Coastal	25364	29402	3279
1/2014	12/2014	Coastal	0	12647	1762
7/2014	6 /2015	Coastal	25364	29402	3279
1/2015	12/2015	Coastal	0	12647	1762
7/2015	6 /2016	Coastal	25364	29402	3279
1/2016	12/2016	Coastal	0	12647	1762
7/2016	6 /2017	Coastal	25364	29402	3279
1/2017	12/2017	Coastal	0	12647	1762
7/2017	6 /2018	Coastal	25364	29402	3279
1/2018	12/2018	Coastal	0	12647	1762
7/2018	6 /2019	Coastal	25364	29402	3279
1/2019	12/2019	Coastal	0	12647	1762
7/2019	6 /2020	Coastal	25364	29402	3279
1/2020	12/2020	Coastal	0	12647	1762
7/2020	6 /2021	Coastal	25364	29402	3279
1/2021	12/2021	Coastal	0	12647	1762

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002.Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin (month/year)	Year End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC[1] Holding as of 11/08/07 (pounds)	Non-Tradable[2] Non-Usable RTCs (pounds)
7/2021	6 /2022	Coastal	25364	29402	3279
1/2022	12/2022	Coastal	0	12647	1762

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.

2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase an annual allocation to a level greater than the facility's Starting Allocation plus Non-Tradable Credits as listed below, the application will be evaluated for compliance with Rule 2005(c)(4). Rule 2005(e)-Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year			NOx RTC Starting Allocation	Non-Tradable Credits(NTCs)
Begin	End	Zone	(pounds)	(pounds)
7/1994	6 /1995	Coastal	70882	0

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SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
System 1 : EXTERNAL COMBUSTION OPERATIONS					
BOILER, NO. 235, 87-HP, NATURAL GAS, KEWANEE, MODEL 583, 4.32 MMBTU/HR A/N: C08211	D177		NOX: PROCESS UNIT**	**CO:** 2000 PPMV (5A) **[RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) **[RULE 1146.1,5-13-1994]** ; **NOX:** 130 LBS/MMSCF NATURAL GAS (1) **[RULE 2012,5-6-2005]** **PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]**	D332.2
BOILER, NO. 234, 130-HP, NATURAL GAS, KEWANEE, MODEL 585, 6.2 MMBTU/HR A/N: C03403	D178		NOX: PROCESS UNIT**	**CO:** 2000 PPMV (5A) **[RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) **[RULE 1146,11-17-2000]** ; **NOX:** 130 LBS/MMSCF NATURAL GAS (1) **[RULE 2012,5-6-2005]** **PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]**	D332.1
BOILER, NO. 249, 125-HP, NATURAL GAS, KEWANEE, MODEL L 3W-125G, 5.25 MMBTU/HR A/N: C03414	D187		NOX: PROCESS UNIT**	**CO:** 2000 PPMV (5A) **[RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) **[RULE 1146,11-17-2000]** ; **NOX:** 130 LBS/MMSCF NATURAL GAS (1) **[RULE 2012,5-6-2005]** **PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]**	D332.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits
(10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
BOILER, NO. 248, 200-HP, NATURAL GAS, KEWANEE, MODEL L-3W-200G, 8.37 MMBTU/HR A/N: C03415	D188		NOX: PROCESS UNIT**	**CO:** 2000 PPMV (5A) **[RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) **[RULE 1146,11-17-2000]** ; **NOX:** 130 LBS/MMSCF NATURAL GAS (1) **[RULE 2012,5-6-2005]** **PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]**	D332.1
BOILER, NO. 245.2, NATURAL GAS, BRYAN, MODEL LM1200-W-FDG, MIDDLE, 12 MMBTU/HR A/N: 177707	D196		NOX: PROCESS UNIT**	**CO:** 2000 PPMV (5A) **[RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) **[RULE 1146,11-17-2000]** ; **NOX:** 130 LBS/MMSCF NATURAL GAS (1) **[RULE 2012,5-6-2005]** **PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]**	C1.3, D12.2, D328.1
BOILER, NO. 245.1, NATURAL GAS, BRYAN, MODEL LM1200-W-FDG, WEST, 12 MMBTU/HR A/N: 177706	D197		NOX: PROCESS UNIT**	**CO:** 2000 PPMV (5A) **[RULE 407,4-2-1982]** ; **CO:** 400 PPMV (5) **[RULE 1146,11-17-2000]** ; **NOX:** 130 LBS/MMSCF NATURAL GAS (1) **[RULE 2012,5-6-2005]** **PM:** 0.1 GRAINS/SCF (5) **[RULE 409,8-7-1981]**	C1.3, D12.2, D328.1

* (1)(1A)(1B) Denotes RECLAIM emission factor
(2)(2A)(2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5)(5A)(5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
BOILER, NATURAL GAS, CLEAVER BROOKS, MODEL CEW700-400, 150#HW, FIRETUBE TYPE FOR HOT WATER, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 16.3 MMBTU/HR WITH A/N: 436754 BURNER, CLEAVER BROOKS, MODEL PROFIRE-NT, WITH LOW NOX BURNER, 16.3 MMBTU/HR	D549		NOX: LARGE SOURCE**	**CO:** 0.008 LBS/MMBTU (7) **[RULE 1303(b)(2)-O set,5-10-1996;***RULE 1303(b)(2)-O set,12-6-2002***]** ; **CO:** 2000 PPMV (5A) **[RULE 409,8-7-1981]** **CO:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **CO:** 400 PPMV (5) **[RULE 1146,11-17-2000]** ; **NOX:** 12 PPMV NATURAL GAS (3) **[RULE 2012,5-6-2005]** **NOX:** 12 PPMV NATURAL GAS (4) **[RULE 2005,5-6-2005]** ; **PM:** 0.005 LBS/MMBTU (7) **[RULE 1303(b)(2)-O set,5-10-1996;***RULE 1303(b)(2)-O set,12-6-2002***]** **PM:** 0.1 GRAINS/SCF (5) **[RULE 407,4-2-1982]** ; **VOC:** 0.005 LBS/MMBTU (7) **[RULE 1303(b)(2)-O set,5-10-1996;***RULE 1303(b)(2)-O set,12-6-2002***]**	C1.17, D12.2, D29.2, E133.3, H23.11, K67.8

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
BOILER, NATURAL GAS, CLEAVER BROOKS, MODEL CEW 700-400, 150#HW, FIRETUBE TYPE FOR HOT WATER, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 16.3 MMBTU/HR WITH A/N: 436753 BURNER, CLEAVER BROOKS, MODEL PROFIRE-NT, WITH LOW NOX BURNER, 16.3 MMBTU/HR	D551		NOX: LARGE SOURCE**	**CO:** 0.008 LBS/MMBTU (7) **[RULE 1303(b)(2)-O set,5-10-1996;***RULE 1303(b)(2)-O set,12-6-2002*] ; **CO:** 2000 PPMV (5A) **[RULE 409,8-7-1981]** **CO:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **CO:** 400 PPMV (5) **[RULE 1146,11-17-2000]** ; **NOX:** 12 PPMV NATURAL GAS (3) **[RULE 2012,5-6-2005]** **NOX:** 12 PPMV NATURAL GAS (4) **[RULE 2005,5-6-2005]** ; **PM:** 0.005 LBS/MMBTU (7) **[RULE 1303(b)(2)-O set,5-10-1996;***RULE 1303(b)(2)-O set,12-6-2002*] **PM:** 0.1 GRAINS/SCF (5) **[RULE 407,4-2-1982]** ; **VOC:** 0.005 LBS/MMBTU (7) **[RULE 1303(b)(2)-O set,5-10-1996;***RULE 1303(b)(2)-O set,12-6-2002*]	C1.17, D12.2, D29.2, E133.3, H23.11, K67.8

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The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
BOILER, NATURAL GAS, CLEAVER BROOKS, MODEL CEW 700-800, 150#HW, FIRETUBE TYPE FOR HOT WATER, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 32.5 MMBTU/HR WITH A/N: 436755 BURNER, CLEAVER BROOKS, MODEL PROFIRE-NT, WITH LOW NOX BURNER, 32.5 MMBTU/HR	D553		NOX: LARGE SOURCE**	**CO:** 0.008 LBS/MMBTU (7) **[RULE 1303(b)(2)-O set,5-10-1996;***RULE 1303(b)(2)-O set,12-6-2002*] ; **CO:** 2000 PPMV (5A) **[RULE 409,8-7-1981]** **CO:** 50 PPMV (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **CO:** 400 PPMV (5) **[RULE 1146,11-17-2000]** ; **NOX:** 9 PPMV NATURAL GAS (3) **[RULE 2012,5-6-2005]** **NOX:** 9 PPMV NATURAL GAS (4) **[RULE 2005,5-6-2005]** ; **PM:** 0.005 LBS/MMBTU (7) **[RULE 1303(b)(2)-O set,5-10-1996;***RULE 1303(b)(2)-O set,12-6-2002*] **PM:** 0.1 GRAINS/SCF (5) **[RULE 407,4-2-1982]** ; **VOC:** 0.005 LBS/MMBTU (7) **[RULE 1303(b)(2)-O set,5-10-1996;***RULE 1303(b)(2)-O set,12-6-2002*]	C1.17, D12.2, D29.2, E133.3, H23.11, K67.8

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
System 2 : COATING OPERATIONS					
SPRAY COATING OPERATION, SPRAY BOOTH, HANGAR, BUILDING NO. 59, 75 FT 6 IN W. X 200 FT L. X 30 FT H., 452 PANEL FILTERS, 452 BAG FILTERS, WITH TEN 20 H.P. EXHAUST FANS, WITH SPRAY BOOTH A/N:	D28			**HAP:** (10) **[40CFR 63 Subpart GG,12-8-2000]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **VOC:** (9) **[RULE 1107,11-9-2001** *RULE 1107,1-6-2006;***RULE 1124,9-21-2001;RULE 1171,11-7-2003;***RULE 1171,7-14-2006*]	A63.2, C1.2, C6.4, D322.1, E71.4, E133.4, E175.1, H23.6, K67.4
SPRAY COATING OPERATION, HANGAR,TWO 125 HP (MAX) & THREE 150 HP (MAX) VARIABLE SPEED EXHAUST FANS, 206 FT X 241 FT X 80 FT, WITH SPRAY BOOTH A/N: 442545	D31	C558 C559 C560 C561 C562		**HAP:** (10) **[40CFR 63 Subpart GG,12-8-2000]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **VOC:** (9) **[RULE 1107,11-9-2001** *RULE 1107,1-6-2006;***RULE 1124,9-21-2001;RULE 1171,11-7-2003;***RULE 1171,7-14-2006*]	A63.6, C1.2, E71.6, E175.2, E175.3, H23.6

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
SPRAY COATING OPERATION, 3-STAGE DRY FILTER SYSTEM, WITH AN ATI ULTRA BLANKET FILTER, 120 -24"X24" ATI OSM413H STAGE 2 FILTERS & 120-24"X24" ATI 984R STAGE 3 FILTERS, WITH SPRAY BOOTH A/N: 442545	C558	D31		**HAP:** (10) **[40CFR 63 Subpart GG,12-8-2000]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **VOC:** (9) **[RULE 1107,11-9-2001** *RULE 1107,1-6-2006;***RULE 1124,9-21-2001;RULE 1171,11-7-2003;***RULE 1171,7-14-2006***]**	A63.6, C1.2, C6.1, C6.2, D322.1, E71.6, E175.3, H23.6, K67.4
SPRAY COATING OPERATION, 3-STAGE DRY FILTER SYSTEM, WITH AN ATI ULTRA BLANKET STAGE 1 FILTER, 120-24"X24" ATI OSM413H STAGE 2 FILTERS & 120-24"X24" ATI 984R STAGE 3 FILTERS, WITH SPRAY BOOTH A/N: 442545	C559	D31		**HAP:** (10) **[40CFR 63 Subpart GG,12-8-2000]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **VOC:** (9) **[RULE 1107,11-9-2001** *RULE 1107,1-6-2006;***RULE 1124,9-21-2001;RULE 1171,11-7-2003;***RULE 1171,7-14-2006***]**	A63.6, C1.2, C6.1, C6.2, D322.1, E71.6, E175.3, H23.6, K67.4

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
SPRAY COATING OPERATION, 3-STAGE DRY FILTER SYSTEM, WITH AN ATI ULTRA BLANKET FILTER, 120-24"X24" ATI OSM413H STAGE 2 FILTERS & 120-24"X24" ATI 984R STAGE 3 FILTERS, WITH SPRAY BOOTH A/N: 442545	C560	D31		**HAP:** (10) **[40CFR 63 Subpart GG,12-8-2000]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **VOC:** (9) **[RULE 1107,11-9-2001** *RULE 1107,1-6-2006;***RULE 1124,9-21-2001;RULE 1171,11-7-2003;***RULE 1171,7-14-2006***]**	A63.6, C1.2, C6.1, C6.2, D322.1, E71.6, E175.3, H23.6, K67.4
SPRAY COATING OPERATION, 3-STAGE DRY FILTER SYSTEM, WITH AN ATI ULTRA BLANKET FILTER, 105-24"X24" ATI OSM413H STAGE 2 FILTERS & 105-24"X24" ATI 984R STAGE 3 FILTERS, WITH SPRAY BOOTH A/N: 442545	C561	D31		**HAP:** (10) **[40CFR 63 Subpart GG,12-8-2000]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **VOC:** (9) **[RULE 1107,11-9-2001** *RULE 1107,1-6-2006;***RULE 1124,9-21-2001;RULE 1171,11-7-2003;***RULE 1171,7-14-2006***]**	A63.6, C1.2, C6.1, C6.2, D322.1, E71.6, E175.3, H23.6, K67.4

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
SPRAY COATING OPERATION, 3-STAGE DRY FILTER SYSTEM, WITH AN ATI ULTRA BLANKET FILTER, 105-24"X24" ATI OSM413H STAGE 2 FILTERS & 105-24"X24" ATI 984R STAGE 3 FILTERS, WITH SPRAY BOOTH A/N: 442545	C562	D31		**HAP:** (10) **[40CFR 63 Subpart GG,12-8-2000]** ; **PM:** (9) **[RULE 404,2-7-1986]** ; **VOC:** (9) **[RULE 1107,11-9-2001** *RULE 1107,1-6-2006;***RULE 1124,9-21-2001;RULE 1171,11-7-2003;***RULE 1171,7-14-2006***]**	A63.6, C1.2, C6.1, C6.2, D322.1, E71.6, E175.3, H23.6, K67.4
System 3 : STRIPPER TANKS					
STORAGE TANK, NO.T-4, PAINT STRIPPER, WITH A PRESSURE RELIEF VALVE, WITH SUBMERGED FILLING, 2500 GALS A/N: 173839	D300				
System 4 : INTERNAL COMBUSTION ENGINES					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, NO. 9-254, FIRE PUMP, DIESEL FUEL, CUMMINS, MODEL NT-380-1F, WITH TURBOCHARGER, 272 BHP A/N: 345376	D236		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	C1.9, D12.3, K67.1

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, NO. 9-259, FIRE PUMP, DIESEL FUEL, CUMMINS, MODEL NT-380-1F, WITH TURBOCHARGER, 274 BHP A/N: 345369	D238		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	C1.9, D12.3, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, NO. 9-251, DIESEL FUEL, CUMMINS, MODEL NHS-6-1F, WITH TURBOCHARGER, 225 HP A/N: 345367	D242		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	C1.9, D12.3, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, NO. 9-252, DIESEL FUEL, CUMMINS, MODEL NHS-6-1F, WITH TURBOCHARGER, 225 HP A/N: 345368	D243		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	C1.9, D12.3, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, NO. 9-261, DIESEL FUEL, CUMMINS, MODEL NH-220-1F, 131 HP A/N: 345361	D244		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	C1.9, D12.3, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, NO. 9-82, DIESEL FUEL, CUMMINS, MODEL NH-220-1F, 138 HP A/N: 345362	D245		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	C1.9, D12.3, K67.1

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO. 8-409, DIESEL FUEL, JOHN DEERE, MODEL 4239D, 66 HP A/N: 345384	D248		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	B61.2, C1.1, D12.3, E448.9, K67.7
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO. 8-407, DIESEL FUEL, CATEPILLAR, MODEL 3406 D1, WITH AFTERCOOLER, 449 HP A/N: 345357	D249		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	D12.3, E448.5, E448.8, K67.7
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, NO. 9-277, DIESEL FUEL, JOHN DEERE, MODEL 6359T, 153 BHP A/N: 345386	D398		NOX: PROCESS UNIT**	**CO:** 2000 PPMV DIESEL (5) [*RULE 1110.2,6-3-2005*] ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **NOX:** 10 GRAM/BHP-HR DIESEL (4) **[RULE 2005,5-6-2005]** **PM:** (9) **[RULE 404,2-7-1986]** ; **ROG:** 250 PPMV DIESEL (5) [*RULE 1110.2,6-3-2005*]	D12.3, D29.4, D323.1
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, DIESEL FUEL, CUMMINS, MODEL NO. 6CTA8.3-F3, WITH AFTERCOOLER, TURBOCHARGER, 300 HP A/N: 324635	D424		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	B61.2, C1.9, D12.3, K67.1

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, DIESEL FUEL, DETROIT DIESEL, MODEL 7123-7400, INTRA-FACILITY PORTABLE, WITH AFTERCOOLER, TURBOCHARGER, 639 HP A/N: 345395	D425		NOX: PROCESS UNIT**	**CO:** 2000 PPMV DIESEL (5) [*RULE 1110.2,6-3-2005*] ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** **ROG:** 250 PPMV DIESEL (5) [*RULE 1110.2,6-3-2005*]	C1.18, C177.1, D12.3, D323.1, K67.2
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, CERTIFIED NON-ROAD ENGINE OF 40 CFR PART 89, DIESEL FUEL, DETROIT DIESEL, MODEL 5063-5433, INTRA-FACILITY PORTABLE, WITH AFTERCOOLER, TURBOCHARGER, 237 HP A/N: 324633	D426		NOX: PROCESS UNIT**	**CO:** 2000 PPMV DIESEL (5) [*RULE 1110.2,6-3-2005*] ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** **ROG:** 250 PPMV DIESEL (5) [*RULE 1110.2,6-3-2005*]	B61.2, C1.18, D12.3, D323.1, K67.1
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, CERTIFIED NON-ROAD ENGINE OF 40 CFR PART 89, DIESEL FUEL, DETROIT DIESEL, MODEL 5063-5433, INTRA-FACILITY PORTABLE, WITH AFTERCOOLER, TURBOCHARGER, 237 HP A/N: 324634	D427		NOX: PROCESS UNIT**	**CO:** 2000 PPMV DIESEL (5) [*RULE 1110.2,6-3-2005*] ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]** **ROG:** 250 PPMV DIESEL (5) [*RULE 1110.2,6-3-2005*]	B61.2, C1.18, D12.3, D323.1, K67.1

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Process 2 : BOEING -C-17 OPERATIONS					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, NO. B11, DIESEL FUEL, JOHN DEERE, MODEL 3029DF150, NON-ROAD PORTABLE ENGINE, AIR COMPRESSOR DRIVER, 57 BHP A/N: 351425	D489		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	D323.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO. GR 190-1, DIESEL FUEL, JOHN DEERE, NON-ROAD PORTABLE ENGINE, WITH AFTERCOOLER, TURBOCHARGER, 250 BHP A/N: 351423	D490		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	B61.2, D12.3, E448.5, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO. GR 190-2, DIESEL FUEL, JOHN DEERE, NON-ROAD PORTABLE ENGINE, WITH AFTERCOOLER, TURBOCHARGER, 250 BHP A/N: 351424	D491		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	B61.2, D12.3, E448.5, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL N14G2, 535 BHP A/N: 376123	D506		NOX: PROCESS UNIT**	**NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** ; **PM:** (9) **[RULE 404,2-7-1986]**	C1.9, D12.3, E448.10, K67.7

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Process 2 : BOEING -C-17 OPERATIONS					
INTERNAL COMBUSTION ENGINE, NON-EMERGENCY, SERIAL NO. 45660493, DIESEL FUEL, CUMMINS, MODEL B5.9-C, NON-ROAD PORTABLE ENGINE, DRIVING FLIGHT RAMP GROUND POWER UNIT, WITH TURBOCHARGER, 200 BHP A/N: 386040	D507		NOX: PROCESS UNIT**	**CO:** 8.5 GRAM/BHP-HR DIESEL (8) **[40CFR 89 Subpart B,7-1-2000]** ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** **NOX:** 6.9 GRAM/BHP-HR DIESEL (8) **[40CFR 89 Subpart B,7-1-2000]** ; **PM:** 0.4 GRAM/BHP-HR DIESEL (8) **[40CFR 89 Subpart B,7-1-2000]** **PM:** (9) **[RULE 404,2-7-1986]** ; **VOC:** 1 GRAM/BHP-HR DIESEL (8) **[40CFR 89 Subpart B,7-1-2000]**	C1.10, D12.3, D323.1, K67.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, SERIAL NO. E010244459, DIESEL FUEL, CUMMINS, MODEL B5.9-C, MODEL N14-G2, WITH TURBOCHARGER, 535 BHP A/N: 387822	D508		NOX: PROCESS UNIT**	**CO:** 8.5 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996]** ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** **NOX:** 6.9 GRAM/BHP-HR DIESEL (4) **[RULE 2005,5-6-2005]** ; **PM:** 0.4 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996]**	B61.2, D12.3, E448.5, E448.10, K67.1, K67.7

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2 : BOEING -C-17 OPERATIONS					
				PM: (9) **[RULE 404,2-7-1986]** ; **VOC:** 1 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996]**	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL 6BATA5.9-G4, 170 BHP A/N: 436097	D557		NOX: PROCESS UNIT**	**CO:** 3.7 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]** ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** **NOX + ROG:** 4.9 GRAM/BHP-HR DIESEL (5) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]** ; **PM:** (9) **[RULE 404,2-7-1986]** **PM10:** 0.22 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]**	B61.1, D12.3, E448.7, H23.8, K67.7
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL 6BATA5.9-G4, 170 BHP A/N: 444873	D563		NOX: PROCESS UNIT**	**CO:** 3.7 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]** ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]**	B61.1, D12.3, E448.7, H23.8, K67.7

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Process 2 : BOEING -C-17 OPERATIONS					
				NOX + ROG: 4.9 GRAM/BHP-HR DIESEL (5) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]** ; **PM:** (9) **[RULE 404,2-7-1986]** **PM10:** 0.22 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]**	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL 4BTA3-9-G5, 99 BHP A/N: 450758	D564		NOX: PROCESS UNIT**	**CO:** 3.7 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]** ; **NOX:** 469 LBS/1000 GAL DIESEL (1) **[RULE 2012,5-6-2005]** **NOX + ROG:** 4.9 GRAM/BHP-HR DIESEL (5) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]** ; **PM:** (9) **[RULE 404,2-7-1986]** **PM10:** 0.22 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT,5-10-1996;***RULE 1303(a)(1)-BACT,12-6-2002***]**	B61.1, D12.3, E448.7, H23.8, K67.7

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
THE BOEING COMPANY - C17 PROGRAM

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : 219 EXEMP EQUIPMENT, LBD & C17 SUBJECT TO SOURCE-SPECIFIC RULE					
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E428			**VOC:** (9) **[RULE 1171,11-7-2003;***RULE 1171, 7-14-2006*]	H23.1
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E429			**VOC:** (9) **[RULE 1113,11-8-1996;***RULE 1113, 6-9-2006;***RULE 1171,11-7-2003;***RULE 1171, 7-14-2006*]	K67.3
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E430				H23.3
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E432			**VOC:** (9) **[RULE 1107,11-9-2001;***RULE 1107, 1-6-2006;***RULE 1124,9-21-2001;RULE 1136,6-14-1996;RULE 1168,10-3-2003;***RULE 1168, 1-7-2005;***RULE 1171,11-7-2003** *RULE 1171, 7-14-2006*] ; **VOC:** (10) **[40CFR 63 Subpart GG,12-8-2000]**	H23.9
RULE 219 EXEMPT EQUIPMENT, DEGREASERS, HEATED, < 1.0 FT2	E433			**VOC:** (9) **[RULE 1171,11-7-2003;***RULE 1171, 7-14-2006*]	H23.1
RULE 219 EXEMPT EQUIPMENT, HAND LAY, BRUSH AND ROLL UP RESIN OPERATIONS	E434			**VOC:** (9) **[RULE 1162,11-17-2000;***RULE 1162, 7-8-2005;***RULE 1171,11-7-2003;***RULE 1171, 7-14-2006*]	H23.9

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE
THE BOEING COMPANY - C17 PROGRAM

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : 219 EXEMP EQUIPMENT, LBD & C17 SUBJECT TO SOURCE-SPECIFIC RULE					
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E438			**VOC:** (9) **[RULE 1171,11-7-2003;***RULE 1171,7-14-2006*] ; **VOC:** (10) **[40CFR 63 Subpart GG,12-8-2000]**	
RULE 219 EXEMPT EQUIPMENT, FIRE EXTINGUISHING EQUIPMENT USING HALONS	E439				H23.4
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E529				H23.10
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, < = 53 FT3, WITH DUST FILTER	E530			**PM:** (9) **[RULE 1140,2-1-1980;***RULE 1140,8-2-1985;***RULE 404,2-7-1986;RULE 405,2-7-1986]**	D322.3, D381.1, H23.7, K67.9

* (1)(1A)(1B)Denotes RECLAIM emission factor (2)(2A)(2B)Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5)(5A)(5B)Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8)(8A)(8B)Denotes 40 CFR limit(e.g. NSPS, NESHAPS,etc.)
(9) See App B for Emission Limits (10) See Section J for NESHAP/MACT requirements

** Refer to Section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

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SECTION D: DEVICE ID INDEX

The following sub-section provides an index to the devices that make up the facility description sorted by device ID.

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SECTION D: DEVICE ID INDEX

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D243	10	2	4
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D425	12	2	4
D426	12	2	4
D427	12	2	4
E428	17	3	0
E429	17	3	0
E430	17	3	0
E432	17	3	0
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E434	17	3	0
E438	18	3	0
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SECTION D: DEVICE ID INDEX

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C558	7	2	2
C559	7	2	2
C560	8	2	2
C561	8	2	2
C562	9	2	2
D563	15	2	4
D564	16	2	4

FACILITY PERMIT TO OPERATE
THE BOEING COMPANY - C17 PROGRAM

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F1.1 The operator shall limit the material processed to no more than 25000 lb(s) in any one year.

For the purpose of this condition, material processed shall be defined as 1,1,1-trichloroethane used for general handwipe cleaning.

[H&S 44300, 7-1-1988]

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become e ective on or after June 1, 2004.

[RULE 431.2, 9-15-2000]

F14.2 The operator shall not use diesel fuel containing sulfur compounds in excess of 0.05 percent by weight.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

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THE BOEING COMPANY - C17 PROGRAM

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

show compliance with condition F1-1 for use of 1,1,1 trichloroethane

[H&S 44300, 7-1-1988]

F16.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

In addition to the recordkeeping requirements of Rule 109, the operator shall keep adequate records to demonstrate compliance with VOC conditions for all spray booth coating operations. All records shall be prepared in a format that is acceptable to the District, retained on the premises for at least five years, and made available upon request of the Executive O cer or his representative

[RULE 109, 5-2-2003; RULE 1132(h)(2) - Exemptions, 3-5-2004; RULE 1132(h)(2) - Exemptions, 5-7-2004**]**

F48.1 The operator shall not use at this facility methylene chloride for general handwipe cleaning.

[H&S 44300, 7-1-1988]

DEVICE CONDITIONS

A. Emission Limits

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 150 LBS IN ANY ONE DAY

For the purposes of this condition, and for exemption under Rule 1132 by (h)(2), the VOC emissions from this spray booth shall be defined as the monthly average for each calendar month, calculated by dividing the total emissions from this spray booth for the calendar month by the number of calendar days in that month. If the records generated after the end of any calendar month show that the VOC emissions from this equipment for the calendar month exceed the emission cap of this condition, the operator shall submit the appropriate applications and achieve compliance pursuant to the requirements specified in Rule 1132.

The operator shall calculate the emission limit(s) as described above. Exceedance of the VOC emission limit of this condition shall not subject this equipment to New Source Review requirements if the operator complies with the usage limit specified in Condition no. C1.2

[**RULE 1132(h)(2) - Exemptions, 3-5-2004**; RULE 1132(h)(2) - Exemptions, 5-7-2004]

[Devices subject to this condition : D28]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

A63.6 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
VOC	Less than or equal to 225 LBS IN ANY ONE DAY

For the purposes of this condition, and for exemption under Rule 1132(h)(2), the VOC emissions from this spray booth shall be defined as the monthly average for each calendar month, calculated by dividing the total emissions from this spray booth for the calendar month by the number of calendar days in that month. If the records generated after the end of any calendar month show that the VOC emissions from this equipment for the calendar month exceed the emission cap of this condition, the operator shall submit the appropriate applications and achieve compliance pursuant to the requirements specified in Rule 1132.

The operator shall calculate the emission limit(s) as described above. Exceedance of the VOC emission limit of this condition shall not subject this equipment to New Source Review requirements if the operator complies with the usage limit specified in Condition no. C1.2

[RULE 1132(h)(2) - Exemptions, 3-5-2004; RULE 1132(h)(2) - Exemptions, 5-7-2004]

[Devices subject to this condition : D31, C558, C559, C560, C561, C562]

B. Material/Fuel Type Limits

B61.1 The operator shall only use diesel fuel containing the following specified compounds:

Compound	quantity	ppm by weight
sulfur	less than or equal to	15

This condition shall be e ective January 1, 2006

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D557, D563, D564]

FACILITY PERMIT TO OPERATE
THE BOEING COMPANY - C17 PROGRAM

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B61.2 The operator shall not use fuel oil containing the following specified compounds:

Compound	weight percent
Sulfur less than or equal to	0.05

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D248, D424, D426, D427, D490, D491, D508]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the operating time to no more than 125 hour(s) in any one year.

[RULE 1304(a)-Modeling and O set Exemption, 6-14-1996]

[Devices subject to this condition : D248]

C1.2 The operator shall limit the material processed to no more than 341 gallon(s) per day.

For the purpose of this condition, material processed shall be defined as coatings and solvents, excluding chemical milling maskant, that are used in all spray booths at this facility.

[RULE 1303(b)(2)-O set, 5-10-1996]

[Devices subject to this condition : D28, D31, C558, C559, C560, C561, C562]

C1.3 The operator shall limit the heat input to no more than 23000 MM Btu in any one year.

The purpose(s) of this condition is to ensure that this equipment qualifies as a process unit.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D196, D197]

FACILITY PERMIT TO OPERATE
THE BOEING COMPANY - C17 PROGRAM

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C1.9 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[RULE 1304(a)-Modeling and O set Exemption, 6-14-1996; RULE 1470, 6-1-2007]

[Devices subject to this condition : D236, D238, D242, D243, D244, D245, D424, D506]

C1.10 The operator shall limit the operation to no more than 300 hour(s) in any one year.

[RULE 1303(b)(2)-O set, 5-10-1996]

[Devices subject to this condition : D507]

C1.17 The operator shall limit the natural gas fuel usage to no more than 274,826 therm(s) in any one calendar month.

This limit shall be based on the total combined limit for equipment described in D549, D551 and D553.

[RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002]

[Devices subject to this condition : D549, D551, D553]

C1.18 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D425, D426, D427]

C6.1 The operator shall use this equipment in such a manner that the di erential pressure being monitored, as indicated below, does not exceed 2 inches water column.

To comply with this condition, the operator shall install and maintain a(n) di erential pressure gauge to accurately indicate the di erential pressure across the first and second stage filters.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C558, C559, C560, C561, C562]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

C6.2 The operator shall use this equipment in such a manner that the di erential pressure being monitored, as indicated below, does not exceed 1.5 inches water column.

To comply with this condition, the operator shall install and maintain a(n) di erential pressure gauge to accurately indicate the di erential pressure across the third stage filter.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C558, C559, C560, C561, C562]

C6.4 The operator shall use this equipment in such a manner that the di erential pressure being monitored, as indicated below, does not exceed 3 inches water column.

To comply with this condition, the operator shall install and maintain a(n) di erential pressure gauge to accurately indicate the di erential pressure across the entire filter system.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D28]

C177.1 The operator shall set and maintain the fuel injection timing of the engine at 4 degrees retarded relative to standard timing.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D425]

D. Monitoring/Testing Requirements

D12.2 The operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the equipment.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D196, D197, D549, D551, D553]

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.3 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1304(a)-Modeling and O set Exemption, 6-14-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D236, D238, D242, D243, D244, D245, D248, D249, D398, D424, D425, D426, D427, D490, D491, D506, D507, D508, D557, D563, D564]

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
CO emissions	Approved District method	District-approved averaging time	Outlet

The test shall be conducted on an annual basis to determine compliance with the CO emission factors and CO concentration limits specified in this permit. The test shall be conducted using a District approved test protocol.

A written notice of the source tests shall be submitted to the District engineer Shailesh Patel at least 14 days prior to the source testing date so that an observer from the District may be present.

A testing laboratory certified by the California Air Resources Board in the required test methods for criteria pollutants to be measured, and in compliance with District Rule 304 (no conflict of interest) shall conduct the test.

Sampling facilities shall comply with the District guidelines for construction of sampling and testing facilities, pursuant to Rule 217.

Two complete copies of the source test reports shall be submitted to District engineer Shailesh Patel within 45 days after the source testing date. The source test report shall include, but not be limited to all testing data required by this condition.

Emission data shall be expressed in terms of concentration (ppmv), corrected to 3 percent oxygen for CO, dry basis.

[RULE 1146, 11-17-2000; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-O set, 5-10-1996; RULE 2012, 5-6-2005]

[Devices subject to this condition : D549, D551, D553]

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D29.4 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM emissions	Approved District method	District-approved averaging time	Outlet

The test(s) shall be conducted at least once every five years.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D398]

D322.1 The operator shall perform a weekly inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D28, C558, C559, C560, C561, C562]

D322.3 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E530]

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or

2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

1). Stack or emission point identification;

2). Description of any corrective actions taken to abate visible emissions;

3). Date and time visible emission was abated; and

4). All visible emission observation records by operator or a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D398, D425, D426, D427, D489, D507]

FACILITY PERMIT TO OPERATE
THE BOEING COMPANY - C17 PROGRAM

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D328.1 The operator shall determine compliance with the CO emission limit(s) either: (a) conducting a source test at least once every five years using AQMD Method 100.1 or 10.1; or (b) conducting a test at least annually using a portable analyzer and AQMD-approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D196, D197]

D332.1 The operator shall determine compliance with the CO emission limit(s) by conducting a test at least every five years using a portable analyzer and AQMD-approved test method or, if not available, a non-AQMD approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D178, D187, D188]

D332.2 The operator shall determine compliance with the CO emission limit(s) by conducting a test at least every five years using a portable analyzer and AQMD-approved test method or, if not available, a non-AQMD approved test method. The test shall be conducted when the equipment is operating under normal conditions to demonstrate compliance with Rule 1146.1 concentration limit. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D177]

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

1). Stack or emission point identification;

2). Description of any corrective actions taken to abate visible emissions; and

3). Date and time visible emission was abated.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E530]

E. Equipment Operation/Construction Requirements

E71.4 The operator shall only operate this equipment if the exhaust fans of this equipment are operating at 130,000 scfm or greater. If an exhaust fan is repaired, modified or replaced, the operator shall conduct tests pursuant to an appropriate AQMD approved test method to determine the exhaust flow rate within 60 days of such repair, modification, or replacement.

[RULE 1132(h)(2) - Exemptions, 3-5-2004; RULE 1132(h)(2) - Exemptions, 5-7-2004]

[Devices subject to this condition : D28]

E71.6 The operator shall only operate this equipment if the exhaust fans of this equipment are operating at 275,000 scfm or greater. If the exhaust fan is repaired, modified or replaced, the operator shall conduct tests pursuant to an appropriate AQMD approved test method to determine the exhaust flow rate within 60 days of such repair, modification, or replacement.

[RULE 1132(h)(2) - Exemptions, 3-5-2004; RULE 1132(h)(2) - Exemptions, 5-7-2004]

[Devices subject to this condition : D31, C558, C559, C560, C561, C562]

FACILITY PERMIT TO OPERATE
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E133.3 The operator shall maintain an interlock device, so that the boiler can only be operated when the natural gas firing rate is at 25 percent or more of the maximum heat input rating of the equipment.

[RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002]

[Devices subject to this condition : D549, D551, D553]

E133.4 The operator shall maintain an interlock system such that this spray booth can only be operated when a minimum of six exhaust blowers are in operation. Such an interlock system shall continue to keep the exhaust blowers in operation for a minimum of 11 minutes when six blowers are on (east side or west side operating mode), or for a minimum of 7 minutes when all ten blowers are on (full operating mode) after the coating operations have ceased inside the spray booth.

[RULE 1469.1, 3-4-2005]

[Devices subject to this condition : D28]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

2-stage filter system

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D28]

E175.2 The operator shall not use this equipment unless all exhaust air passes through the following:

at least four out of five exhaust systems

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D31]

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The operator shall comply with the terms and conditions set forth below:

E175.3 The operator shall not use this equipment unless all exhaust air passes through the following:

three stage filters

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D31, C558, C559, C560, C561, C562]

E448.5 The operator shall comply with the following requirements:

The engine shall not be operated more than 200 hours in any one year

Engine operation shall be terminated immediately after the utility distribution company advices that a rotating outage is no longer imminent or in e ect

[RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D249, D490, D491, D508]

E448.7 The operator shall comply with the following requirements:

The engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours in any one year for maintenance and testing

Operation beyond 50 hours per year allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage

Engine operation shall be terminated immediately after the utility distribution company advices that a rotating outage is no longer imminent of in e ect

This engine shall not be used as part of an interruptible service contract in which a facility receives a payment or reduced rates in return for reducing electric load on the grid when requested by the utility or grid operator

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition : D557, D563, D564]

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The operator shall comply with the terms and conditions set forth below:

E448.8 The operator shall comply with the following requirements:

The engine shall not be operated more than 200 hours in any one year, which includes no more than 20 hours in any one year for maintenance and testing

Operation beyond 20 hours per year allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage

Engine operation shall be terminated immediately after the utility distribution company advices that a rotating outage is no longer imminent of in e ect

This engine shall not be used as part of an interruptible service contract in which a facility receives a payment or reduced rates in return for reducing electric load on the grid when requested by the utility or grid operator

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D249]

E448.9 The operator shall comply with the following requirements:

The engine shall not be operated more than 125 hours in any one year, which includes no more than 20 hours in any one year for maintenance and testing

Operation beyond 20 hours per year allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage

Engine operation shall be terminated immediately after the utility distribution company advices that a rotating outage is no longer imminent of in e ect

This engine shall not be used as part of an interruptible service contract in which a facility receives a payment or reduced rates in return for reducing electric load on the grid when requested by the utility or grid operator

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D248]

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The operator shall comply with the terms and conditions set forth below:

E448.10 The operator shall comply with the following requirements:

The engine shall not be operated more than 200 hours in any one year, which includes no more than 30 hours in any one year for maintenance and testing

Operation beyond 30 hours per year allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage

Engine operation shall be terminated immediately after the utility distribution company advices that a rotating outage is no longer imminent of in e ect

This engine shall not be used as part of an interruptible service contract in which a facility receives a payment or reduced rates in return for reducing electric load on the grid when requested by the utility or grid operator

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D506, D508]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[RULE 1122, 10-1-2004]

[Devices subject to this condition : E428, E433]

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The operator shall comply with the terms and conditions set forth below:

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1415
Refrigerants	40CFR82, SUBPART	F

[RULE 1415, 10-14-1994; **40CFR 82 Subpart F, 5-14-1993**]

[Devices subject to this condition : E430]

H23.4 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Halon	District Rule	1418

[RULE 1418, 9-10-1999]

[Devices subject to this condition : E439]

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109
PM	District Rule	481
Chromium, Hexavalent	District Rule	1469.1

[**RULE 109, 5-2-2003**; RULE 1469.1, 3-4-2005; **RULE 481, 1-11-2002**]

[Devices subject to this condition : D28, D31, C558, C559, C560, C561, C562]

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The operator shall comply with the terms and conditions set forth below:

H23.7 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1140

[RULE 109, 5-2-2003; RULE 481, 1-11-2002]

[Devices subject to this condition : E530]

H23.8 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1470
Sulfur compounds	District Rule	431.2

[RULE 1470, 6-1-2007; **RULE 431.2, 5-4-1990**; RULE 431.2, 9-15-2000]

[Devices subject to this condition : D557, D563, D564]

H23.9 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

[RULE 109, 5-2-2003]

[Devices subject to this condition : E432, E434]

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The operator shall comply with the terms and conditions set forth below:

H23.10 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E529]

H23.11 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
HAPs	40CFR63, SUBPART	DDDDD

[40CFR 63 Subpart DDDDD, 12-6-2006]

[Devices subject to this condition : D549, D551, D553]

K. Record Keeping/Reporting

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

annual elapsed time in hours

[RULE 1303(b)(2)-O set, 5-10-1996; RULE 1470, 6-1-2007]

[Devices subject to this condition : D236, D238, D242, D243, D244, D245, D424, D426, D427, D490, D491, D507, D508]

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The operator shall comply with the terms and conditions set forth below:

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

annual elapsed time in hours and records showing that the engine has been retarded 4 degrees

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D425]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E429]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the name of the person performing the inspection and/or maintenance of the filter media

the date, time, and results of the inspection

weekly record of pressure drop across the filter

the date, time, and description of any maintenance or repairs resulting from the inspection

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D28, C558, C559, C560, C561, C562]

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The operator shall comply with the terms and conditions set forth below:

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The engine operating log shall be kept and maintained on file to record when the engine is started manually. The log shall list the date of operation, the timer reading in hours at the beginning and end of operation, and the reason for operation.

By January 15th of each year, the operator shall total and record the total hours of operation (including hours for both manual and automatic operation) for the previous calendar year

All records required by this permit shall be kept in a format that is acceptable to the District, shall be retained on the premises for five years, and made available to any District representative upon request.

[RULE 1304(a)-Modeling and O set Exemption, 6-14-1996; RULE 1470, 6-1-2007; **RULE 2012, 5-6-2005]**

[Devices subject to this condition : D248, D249, D506, D508, D557, D563, D564]

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Calendar monthly natural gas usage in therms.

Within 15 days after the end of each month, total and record the natural gas usage of devices D549, D551 and D553 in therms.

[RULE 1303(b)(2)-O set, 5-10-1996; RULE 1303(b)(2)-O set, 12-6-2002]

[Devices subject to this condition : D549, D551, D553]

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the name of the person performing the inspection and/or maintenance of the filter media

the date, time, and results of the inspection

the date, time, and description of any maintenance or repairs resulting from the inspection

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E530]

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SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]

    a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
    b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
    c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]

2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]

3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other governmental agencies. [204]

4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation.[204]

6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]

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SECTION E: ADMINISTRATIVE CONDITIONS

a. Three years for a facility not subject to Title V; or
b. Five years for a facility subject to Title V.

7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]

   a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
   b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
   c. For a large NOx source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
   d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes. [204]
   e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compound which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO2) and be averaged over 15 consecutive minutes; [407]
   f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent carbon dioxide (CO2) at standard conditions and averaged over 15 consecutive minutes. [409]
   g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O2) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]

8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulation, except those listed in Table 1 of Rule 2001 for NOx RECLAIM sources and Table 2 of Rule 2001 for SOx RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NOx or SOx emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NOx or SOx source, respectively. [2001]

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SECTION E: ADMINISTRATIVE CONDITIONS

9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]

   a. Brief description of the equipment tested.
   b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
   c. Operating conditions under which the test will be performed.
   d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e,g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
   e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
   f. Description of calibration and quality assurance procedures.
   g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).

10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]

   a. The results of the source test.
   b. Brief description of the equipment tested.
   c. Operating conditions under which the test will be performed.
   d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e,g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
   e. Field and laboratory data forms, strip charts and analyses.
   f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.

11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

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SECTION E: ADMINISTRATIVE CONDITIONS

12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NOx Monitoring Conditions

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter and any device specified by the Executive Officer as necessary to determine monthly fuel usage or other applicable variables specified in Rule 2012, Appendix A, Table 3-A. The sharing of totalizing fuel meter may be allowed by the Executive Officer if the fuel meter serves large sources which have the same emission factor, concentration limit, or emission rate. The sharing of totalizing fuel meters shall not be allowed for large sources which are required to comply with an annual heat input limit. [2012]

2. Comply at all times with the specified NOx concentration limit in PPM measured over any continuous 60 minutes for that source or establish an equipment-specific emission rate that is reliable, accurate, representative of that sources emissions, and in accordance with the requirements specified in Rule 2012, Appendix A, Chapter 5. [2012]

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

II. NOx Source Testing and Tune-up Conditions

1. The operator shall conduct all required NOx source testing in compliance with an AQMD-approved source test protocol. [2012]

2. The operator shall, as applicable, conduct source tests for every large NOx source no later than June 30, 1997 and every 3 years thereafter. The source test shall include the determination of NOx concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]

3. All NOx large sources and NOx process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:

   a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
   b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
   c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]

2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NOx or SOx emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NOx Reporting Requirements

A. The Operator of a NOx Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall:

1. Install, maintain and operate a modem or any reporting device approved by the Executive Officer to report, to the AQMD, the total monthly NOx mass emissions from each large NOx source. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. Such data shall be reported within 15 days after the end of each calendar month. [2012]

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall:

1. Electronically report the calculated quarterly NOx emissions for each NOx process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE

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SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

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SECTION J: AIR TOXICS
[40CFR 63 Subpart GG 12-8-2000]

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR AEROSPACE MANUFACTURING AND REWORK FACILITIES

1. The operator shall comply with all applicable requirements of 40 CFR 63, Subpart GG and of 40 CFR 63, Subpart A - General Provisions by the compliance date(s) specified in these subparts.

2. The operator shall conduct all cleaning operations pursuant to all applicable requirements specified in Section 63.744.

3. The operator shall comply with all applicable requirements of Sections 63.745 and 63.747 for all primer, topcoat, and chemical milling maskant application operations. Primers, topcoats, and chemical milling maskants that are applied to aerospace parts without being vented to a control system shall comply with the following limits.

Coating Type	Organic HAP Limits (g/l) (less water)	VOC Limit (g/l) (less water/exempt solvents)
Primer	350	350
Topcoats	420	420
Self-priming Topcoats	420	420
Chemical Milling Maskant Type I	622	622
Chemical Milling Maskant Type II	160	160

For primer, topcoat, and chemical milling maskant application operations that are vented to a control system, each control system shall reduce the operation's organic HAP and VOC emissions to the atmosphere by 81% or greater, taking into account capture and destruction or removal efficiencies, as determined using the procedures in Section 63.750(g) when a carbon adsorber is used and in Section 63.750(h) when a control device other than a carbon adsorber is used.

4. The operator shall comply with all applicable requirements of Section 63.746 for all depainting operations.

5. The operator shall conduct the handling and transfer of the waste to and from containers, tanks, vats, vessels, and piping systems in such a manner that minimizes spills pursuant to Section 63.748.

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SECTION J: AIR TOXICS
[40CFR 63 Subpart GG 12-8-2000]

6. The operator shall comply with all applicable requirements of this subpart by the compliance dates specified in Section 63.749.

7. The operator of a facility using any HAP-containing chemicals or control equipment venting such chemicals, that are required by this subpart to conduct chemical analyses and/or performance testing, shall submit a protocol to the AQMD for approval of no less than 60 days prior to testing. The tests shall be conducted in accordance with the test methods and procedures specified in Section 63.750.

8. The operator shall comply with all applicable monitoring requirements specified in Section 63.751.

9. The operator shall keep all records pursuant to Section 63.752 of this subpart and Subpart A to demonstrate compliance with all applicable requirements. All records including data, calculations and any supporting documentation shall be prepared in a format which is acceptable to the AQMD.

10. The operator shall submit all reports, notifications, plans, submittals and other communications required by Section 63.753 of this subpart or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (See Sections E and K of this permit for addresses).

11. Alternative plans, compliance plans, and the construction and operation of new or modified air pollution control equipment that are required by this subpart shall be approved through the AQMD permit system.

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SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]

2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under Section 129(e) of the Clean Air Act, this permit shall expire five years from the date that the initial Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

   (B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive O cer at least every five years from the date of issuance. [3004(f)(2)]

4. To renew this permit, the operator shall submit to the Executive O cer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive O cer or designee within a reasonable time as specified in writing by the Executive O cer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

Reopening for Cause

7. The Executive O cer will reopen and revise this permit if any of the following circumstances occur:

   (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the e ective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.

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(B) The Executive O cer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

(C) The Executive O cer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:

(A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or

(B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

9. The operator shall allow the Executive O cer or authorized representative, upon presentation of appropriate credentials to:

(A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;

(B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

(C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

(D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate o ense. [3004(g)]

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11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise a ect the remaining portions of this permit. [3007(b)]

12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]

13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]

15. Nothing in this permit or in any permit shield can alter or a ect:

    (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;

    (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;

    (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;

    (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;

    (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and

    (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]

16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after

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commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

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EMERGENCY PROVISIONS

17. An emergency[1] constitutes an a rmative defense to an action brought for non-compliance with a technology-based emission limit only if:

    (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:

        (1) An emergency occurred and the operator can identify the cause(s) of the emergency;

        (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;

        (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,

        (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

    (B) The operator complies with the breakdown provisions of Rule 430 - Breakdown Provisions, or subdivision (i) of Rule 2004 - Requirements, whichever is applicable. [3002(g), 430, 2004(i)]

18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive O cer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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1 "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or imporper operation, or operator error.

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RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

    (A) The date, place as defined in the Title V permit, and time of sampling or measurements;

    (B) The date(s) analyses were performed;

    (C) The company or entity that performed the analyses;

    (D) The analytical techniques or methods used;

    (E) The results of such analyses; and

    (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:

    (A) Breakdowns shall be reported as required by Rule 430 - Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.

    (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

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(C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.

(D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]

23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]

24. The operator shall submit to the Executive O cer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:

(A) Identification of each permit term or condition that is the basis of the certification;

(B) The compliance status during the reporting period;

(C) Whether compliance was continuous or intermittent;

(D) The method(s) used to determine compliance over the reporting period and currently, and

(E) Any other facts specifically required by the Executive O cer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible o cial (as defined in Rule 3000). [3004(a)(12)]

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PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the Title V application file. [3004(a)(4)]

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FACILITY RULES

This facility is subject to the following rules and regulations:

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the e ective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 109	5-2-2003	Federally enforceable
RULE 1107	1-6-2006	Non federally enforceable
RULE 1107	11-9-2001	Federally enforceable
RULE 1110.2	6-3-2005	Non federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	6-9-2006	Non federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1124	9-21-2001	Federally enforceable
RULE 1132(h)(2) - Exemptions	3-5-2004	Federally enforceable
RULE 1132(h)(2) - Exemptions	5-7-2004	Non federally enforceable
RULE 1136	6-14-1996	Federally enforceable
RULE 1140	2-1-1980	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1146.1	5-13-1994	Federally enforceable
RULE 1162	11-17-2000	Federally enforceable
RULE 1162	7-8-2005	Non federally enforceable
RULE 1168	1-7-2005	Non federally enforceable
RULE 1168	10-3-2003	Federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	7-14-2006	Non federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(a)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-O set	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-O set	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and O set Exemption	6-14-1996	Federally enforceable
RULE 1401	8-18-2000	Non federally enforceable

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1402	3-4-2005	Non federally enforceable
RULE 1403	4-8-1994	Non federally enforceable
RULE 1404	4-6-1990	Non federally enforceable
RULE 1415	10-14-1994	Non federally enforceable
RULE 1418	9-10-1999	Non federally enforceable
RULE 1420	9-11-1992	Non federally enforceable
RULE 1469.1	3-4-2005	Non federally enforceable
RULE 1470	6-1-2007	Non federally enforceable
RULE 2001	5-6-2005	Federally enforceable
RULE 2004	4-6-2007	Non federally enforceable
RULE 2004	5-11-2001	Federally enforceable
RULE 2005	5-6-2005	Federally enforceable
RULE 2012	5-6-2005	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	6-1-2007	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 2202	2-6-2004	Non federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	3-16-2001	Non federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	3-16-2001	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	6-9-2006	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.2	5-4-1990	Federally enforceable

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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 431.2	9-15-2000	Non federally enforceable
RULE 442	12-15-2000	Federally enforceable
H&S 44300	7-1-1988	Non federally enforceable
RULE 480	10-7-1977	Federally enforceable
RULE 481	1-11-2002	Federally enforceable
40CFR 63 Subpart A	3-16-1994	Federally enforceable
40CFR 63 Subpart DDDDD	12-6-2006	Federally enforceable
40CFR 63 Subpart GG	12-8-2000	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable
40CFR 89 Subpart B	7-1-2000	Federally enforceable

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APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN PERMIT PURSUANT TO RULE 219

1. BOILERS, NATURAL GAS
2. BURN CHAMBERS, NATURAL GAS
3. I.C. ENGINES, GASOLINE
4. I.C. ENGINES, NATURAL GAS
5. I.C. ENGINES, PROPANE
6. I.C. ENGINES, DIESEL
7. CURING OVENS, NATURAL GAS
8. HEAT TREATING EQUIPMENT, NATURAL GAS
9. HEAT TREATING METAL OVENS, NATURAL GAS
10. HOT WATER HEATERS, NATURAL GAS
11. POLYGLYCOL TANK HEATERS, NATURAL GAS
12. PROCESS TANK HEATERS, NATURAL GAS
13. STEAM CLEANING EQUIPMENT, NATURAL GAS
14. SPACE HEATERS, NATURAL GAS

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APPENDIX B: RULE EMISSION LIMITS [RULE 1107 1-6-2006]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS Less Water and Less Exempt Compounds Effective Dates								
Coating	**Air-Dried**				**Baked**			
	gm/l		**lb/gal**		**gm/l**		**lb/gal**	
	Current	**7/1/07**	**Current**	**7/1/07**	**Current**	**7/1/07**	**Current**	**7/1/07**
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

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APPENDIX B: RULE EMISSION LIMITS [RULE 1107 1-6-2006]

VOC LIMITS Less Water and Less Exempt Compounds Effective Dates, cont.								
Coating	**Air-Dried**				**Baked**			
	gm/l		**lb/gal**		**gm/l**		**lb/gal**	
	Current	**7/1/07**	**Current**	**7/1/07**	**Current**	**7/1/07**	**Current**	**7/1/07**
Extreme Performance	420	420	3.5	3.5	360	360	3.0	3.0
Prefabricated Architectural One-Component	420	275	3.5	2.3	275	275	2.3	2.3
Prefabricated Architectural Multi-Component	420	340	3.5	2.8	275	275	2.3	2.3
Touch Up	420	420	3.5	3.5	360	360	3.0	3.0
Repair	420	420	3.5	3.5	360	360	3.0	3.0
Silicone Release	420	420	3.5	3.5	420	420	3.5	3.5
High-Performance Architectural	420	420	3.5	3.5	420	420	3.5	3.5
Camouflage	420	420	3.5	3.5	420	420	3.5	3.5
Vacuum-Metalizing	420	420	3.5	3.5	420	420	3.5	3.5
Mold-Seal	420	420	3.5	3.5	420	420	3.5	3.5
High-Temperature	420	420	3.5	3.5	420	420	3.5	3.5
Electric-Insulating Varnish	420	420	3.5	3.5	420	420	3.5	3.5
Pan Backing	420	420	3.5	3.5	420	420	3.5	3.5
Pretreatment Coatings	420	420	3.5	3.5	420	420	3.5	3.5

(2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

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APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-9-2001]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

	LIMITS Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds			
Coating	**Air Dried**	**(lb/gal)**	**Baked**	**(lb/gal)**
General				
One-Component	275	(2.3)	275	(2.3)
Multi-Component	340	(2.8)	275	(2.3)
Military Specification	340	(2.8)	275	(2.3)
Etching Filler	420	(3.5)	420	(3.5)
Solar-Absorbent	420	(3.5)	360	(3.0)
Heat-Resistant	420	(3.5)	360	(3.0)
Extreme High-Gloss	420	(3.5)	360	(3.0)
Metallic	420	(3.5)	420	(3.5)
Extreme Performance	420	(3.5)	360	(3.0)
Prefabricated Architectural Component	420	(3.5)	275	(2.3)
Touch Up	420	(3.5)	360	(3.0)
Repair	420	(3.5)	360	(3.0)
Silicone Release	420	(3.5)	420	(3.5)
High Performance Architectural	420	(3.5)	420	(3.5)
Camouflage	420	(3.5)	420	(3.5)
Vacuum-Metalizing	420	(3.5)	420	(3.5)
Mold-Seal	420	(3.5)	420	(3.5)
High-Temperature	420	(3.5)	420	(3.5)
Electric-Insulating Varnish	420	(3.5)	420	(3.5)
Pan Backing	420	(3.5)	420	(3.5)
Pretreatment Coatings	420	(3.5)	420	(3.5)

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-9-2001]

(2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

(1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.

(2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

TABLE OF STANDARDS

VOC LIMITS

Grams of VOC Per Liter of Coating, Less Water And Less Exempt Compounds

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250				100		50
Graphic Arts (Sign) Coatings	500						
Industrial Maintenance							

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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

Primers and Topcoats							
Alkyds	420						
Catalyzed Epoxy	420						
Bituminous Coatings	420						
Materials							
Inorganic Polymers	420						
Vinyl Chloride Polymers	420						
Chlorinated Rubber	420						
Acrylic Polymers	420						
Urethane Polymers	420						
Silicones	420						
Unique Vehicles	420						
Japans/Faux Finishing	350	700		350			
Coatings							
Magnesite Cement Coatings	600			450			
Mastic Coatings	300						
Metallic Pigmented Coatings	500						
Multi-Color Coatings	420		250				
Pigmented Lacquer	680		550			275	
Pre-Treatment Wash Primers	780						
Primers, Sealers, and	350						
Undercoaters							
Quick-Dry Enamels	400						
Roof Coatings	300						
Shellac							
Clear	730						
Pigmented	550						
Stains	350						
Swimming Pool Coatings							
Repair	650						
Other	340						
Traffic Coatings	250		150				
Waterproofing Sealers	400						
Wood Preservatives							
Below-Ground	350						
Other	350						

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-8-1996]

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

(1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.

(2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

TABLE OF STANDARDS VOC LIMITS

Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			

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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings Roof Coatings, Aluminum	300 500		250		50 100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac Clear Pigmented	 730 550							
Specialty Primers	350					250	100	
Stains Stains, Interior	350 250		250				100	
Swimming Pool Coatings Repair Other	 650 340		340					
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives Below-Ground Other	 350 350							

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 6-9-2006]

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

TABLE OF STANDARDS (cont.)
VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

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THE BOEING COMPANY - C17 PROGRAM

APPENDIX B: RULE EMISSION LIMITS [RULE 1124 9-21-2001]

Except as otherwise provided in Rule 1124

(1) VOC Content of Aerospace Materials

(A) A person shall not apply to aerospace components any materials, including any VOC-containing materials added to the original material supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC Limit Grams of VOC per Liter, Less Water and Less Exempt Compounds			
Primers	**Current VOC Limit**	**VOC Limit Effective 1-1-03**	**VOC Limit Effective 1-1-05**
General Primer	350	350	350
Low-Solids Corrosion Resistant Primer	350	350	350
Pretreatment Primer	780	780	780
Rain Erosion-Resistant Coating Compatible Primer	850	850	850
Adhesion Promoter	850	850	250
Adhesive Bonding Primer			
New Commercial Aircraft	805	250	250
All Military Aircraft	805	805	805
Remanufactured Commercial Aircraft Parts	805	805	805
Sonic and Acoustic Applications	805	805	805
Adhesive Bonding Primer			
Long Term	250	250	250
Short Term	250	250	250

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APPENDIX B: RULE EMISSION LIMITS [RULE 1124 9-21-2001]

Coatings	Current VOC Limit	VOC Limit Effective 3-01-02
Topcoat	420	420
Clear Topcoat	520	520
Unicoat	420	420
Wing Coating	750	750
Impact Resistant Coating	420	420
High-Temperature Coating	850	850
Antichafe Coating	600	420
Rain Erosion-Resistant Coating	800	800
Conformal Coating	750	750
Optical Anti-Reflective Coating	700	700
Scale Inhibitor	880	880
Metallized Epoxy Coating	700	700
Electric or Radiation Effect Coating	800	800
Temporary Protective Coating	250	250
Fuel Tank Coatings	420	420
Mold Release Coatings	780	780
Flight Test Coatings		
Used on Missiles or Single Use Target Craft	420	420
All Other	840	840
Fire Resistant Coatings		
Commercial	650	650
Military	970	800
Wire Coatings		
Phosphate Ester Resistant Ink	925	925
Other	420	420
Space Vehicle Coatings		
Electrostatic Discharge Protection Coating	800	800
Other	1000	1000

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APPENDIX B: RULE EMISSION LIMITS [RULE 1124 9-21-2001]

Adhesives	Current VOC Limit
Non-Structural Adhesive	250
Structural Adhesive	
Autoclavable	50
Non-Autoclavable	850
Space Vehicle Adhesive	800
Fuel Tank Adhesive	620

Sealants	Current VOC Limit	VOC Limit Effective 3-01-02
Fastener Sealant	675	675
Extrudable,Rollable or Brushable Sealant	600	280
Other	600	600

Maskants	Current VOC Limit
For Chemical Processing	250
For Chemical Milling	
Type I	250
Type II	160
Photolithographic	850
Touch-up, Line Sealer Maskants	750

Lubricants	Current VOC Limit
Fastener Installation	
Solid-Film Lubricant	880
Dry Lubricative Materials	675
Fastener-Lubricative Coatings, Fastener Manufacturing	
Solid Film Lubricant	250
Dry Lubricative Materials	120
Barrier Coating	420
Non-Fastener Lubricative Coatings, Fastener Manufacturing	
Solid Film Lubricant	880
Dry Lubricative Materials	675

FACILITY PERMIT TO OPERATE

THE BOEING COMPANY - C17 PROGRAM

APPENDIX B: RULE EMISSION LIMITS [RULE 1124 9-21-2001]

VOC LIMIT Grams of VOC per Liter of Material	
Cleaning Solvents and Strippers	**Current VOC Limit**
Cleaning Solvents	200 g/L or 45 mm Hg VOC Composite Partial Pressure
Strippers	300 g/L or 9.5 mm Hg VOC Composite Partial Pressure

(B) Documents shall be provided to the Executive Officer or his designee demonstrating that unicoat is being used in lieu of the application of a primer and topcoat, and the applicant must receive written approval for the use of unicoat specifying the conditions of application from the Executive Officer or his designee.

(C) For low-solids adhesives, coatings, primers or sealants, the appropriate limits in subparagraph (c)(1)(A) shall be expressed in grams of VOC per liter of material.

(2) Solvent Cleaning Operations; Storage and Disposal of VOC-Containing Materials

(A) Cleaning of material application equipment and storage of solvent laden cloth and paper shall comply with provisions of Rule 1171.

(B) A person shall not atomize any solvent into open air.

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APPENDIX B: RULE EMISSION LIMITS [RULE 1136 6-14-1996]

Except as otherwise provided in Rule 1136

(a) The operator shall not apply any coating to a wood product which has a VOC content, including any VOC-containing material added to the original coating supplied by the manufacturer, which exceeds the applicable limit specified below:

(1)

	VOC LIMITS Grams Per Liter (lb/gal) of Coating, [lbs VOC/lb of solids], Less Water and Less Exempt Compounds		
COATING	**Current Limit**		**On and After 7/1/2005**
	I	**or II**	
Clear Sealers	550 (4.6) [1.39]	680 (5.7) [3.36]	275 (2.3) [0.36]
Clear Topcoat	550 (4.6) [1.37]	275 (2.3) [0.35]	275 (2.3) [0.35]
Pigmented Primers, Sealers & Undercoats	550 (4.6) [1.06]	600 (5.0) [1.08]	275 (2.3) [0.21]
Pigmented Topcoats	550 (4.6) [1.10]	275 (2.3) [0.25]	275 (2.3) [0.25]

The operator shall use coatings on a wood product that comply with either all VOC limits in column I or all VOC limits in column II. The operator that applies a primer, sealer or undercoat, but not a topcoat, to a wood product, shall be subject to column I for that wood product.

(2) Notwithstanding the requirements of clause (a)(1), an operator that applies a topcoat and a primer, sealer or undercoat to a shutter may, until July 1, 2005, choose to comply with the VOC limits specified below for that shutter:

	VOC LIMITS Grams Per Liter, (lb/gal) of Coating, [lbs VOC/lb of solids], Less Water and Less Exempt Compounds
COATING	
Clear Sealers	275 (2.3) [0.36]
Clear Topcoat	680 (5.7) [2.99]
Pigmented Primers, Sealers & Undercoats	275 (2.3) [0.33]
Pigmented Topcoats	600 (5.0) [1.38]

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APPENDIX B: RULE EMISSION LIMITS [RULE 1136 6-14-1996]

(3) **VOC LIMITS**

Grams Per Liter, (lb/gal) of Coating, [lbs VOC/lb of solids], Less Water and Less Exempt Compounds

COATING	Current Limit	On and After 7/1/2005
Barrier Coat - Plastic Components	760 (6.3) [3.9]	275 (2.3) [0.28]
Composite Wood Edge Filler	550 (4.6) [1.15]	275 (2.3) [0.31]
Extreme Performance Coatings	420 (3.5) [0.51]	275 (2.3) [0.33]
Fillers	500 (4.2) [0.66]	275 (2.3) [0.18]
High-Solid Stains	550 (4.6) [1.23]	350 (2.9) [0.42]
Inks	500 (4.2) [0.96]	500 (4.2) [0.96]
Mold-Seal Coatings	750 (6.3) [4.2]	750 (6.3) [4.2]
Multi-Colored Coatings	685 (5.7) [2.6]	275 (2.3) [0.33]

VOC LIMITS

Grams Per Liter (lb/gal) of Material

COATING	Current Limit	On and After 7/1/2005
Low-Solids Barrier Coat - Plastic Components	760 (6.3)	120 (1.0)
Low-Solid Stains, Toners, and Washcoats	480 (4.0)	120 (1.0)

Any coating subject to this rule that meets any of the three VOC limit formats (grams per liter, lb/gal, or lbs VOC/lb of solids) is in compliance with this subparagraph.

(4) The VOC limit for japan coatings is 700 grams per liter of coatings, less water and exempt compounds, as applied.

(b) A person shall not use a stripper on wood products unless:

(1) it contains less than 350 grams of VOC per liter of material; or

(2) the VOC composite vapor pressure is 2 mm Hg (0.04 psia) or less at 20^{o}C (68^{o}F).

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APPENDIX B: RULE EMISSION LIMITS [RULE 1140 2-1-1980]

(1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).

(2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).

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APPENDIX B: RULE EMISSION LIMITS [RULE 1140 8-2-1985]

(1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).

(2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).

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APPENDIX B: RULE EMISSION LIMITS [RULE 1162 11-17-2000]

The operator shall not use a polyester resin material in a polyester resin operation which has a monomer content in excess of the limits specified in the Table below.

Polyester Resin Materials	Monomer Content in Polyester Resin Materials as Applied (By Weight Percent)
General Purpose Polyester Resin	35
Corrosion-Resistant	48
Fire Retardant	42
High Strength	48
Clear Gel Coat	50
Pigmented Gel Coat	45

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APPENDIX B: RULE EMISSION LIMITS [RULE 1162 7-8-2005]

The operator shall not use polyester resin material in an open molding system, which has a monomer content in excess of the limits specified in the following Table.

Polyester Resin Materials	Monomer Percentage by Weight as Applied	
	Prior to 11-09-2001	Current Limits
Clear Gel Coat	50	-
For Marble Resins	-	40
For Other Resins	-	44
Pigmented Gel Coat	45	-
White and Off White	-	30
Non-White	-	37
Primer	-	28
Specialty Gel Coats	-	48
General Purpose Resin	35	-
Marble Resins	-	10 or (32 % as supplied, no fillers)
Solid Surface Resins	-	17
Tub/Shower Resins	-	24 or (35 % as supplied, no fillers)
Lamination Resins	-	31 or (35 % as supplied, no fillers)
Others	-	35
Fire Retardant Resin	42	38
Corrosion Resistant Resin	48	48
High Strength Resin	48	40

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APPENDIX B: RULE EMISSION LIMITS [RULE 1168 1-7-2005]

(1) Unless otherwise specified in paragraph (c)(2), a person shall not apply any adhesives, adhesive bonding primers, adhesive primers, or any other primer which have a VOC content in excess of 250 g/L less water and less exempt compounds.

(2) A person shall not apply adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primer which have a VOC content in excess of the limits specified below:

VOC Limit*, Less Water and Less Exempt Compounds in Grams per Liter

Architectural Applications	Current VOC Limit*
Indoor Carpet Adhesives	50
Carpet Pad Adhesives	50
Outdoor Carpet Adhesives	150
Wood Flooring Adhesive	100
Rubber Floor Adhesives	60
Subfloor Adhesives	50
Ceramic Tile Adhesives	65
VCT and Asphalt Tile Adhesives	50
Dry Wall and Panel Adhesives	50
Cove Base Adhesives	50
Multipurpose Construction Adhesives	70
Structural Glazing Adhesives	100
Single Ply Roof Membrane Adhesives	250

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APPENDIX B: RULE EMISSION LIMITS [RULE 1168 1-7-2005]

Specialty Applications	VOC Limits and Effective Dates**			
	Current VOC Limit*	1-1-05	7-1-05	1-1-07
PVC Welding	510			
CPVC Welding	490			
ABS Welding	400		325	
Plastic Cement Welding	350	250		
Adhesive Primer for Plastic	650		550	
Computer Diskette Manufacturing	350			
Contact Adhesive	80			
Special Purpose Contact Adhesive	250			
Tire Retread	100			
Adhesive Primer for Traffic Marking Tape	150			
Structural Wood Member Adhesive	140			
Sheet Applied Rubber Lining Operations	850			
Top and Trim Adhesive	540			250

** The specified limits remain in effect unless revised limits are listed in subsequent columns.

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APPENDIX B: RULE EMISSION LIMITS [RULE 1168 1-7-2005]

For adhesives, adhesive bonding primers, or any other primer not regulated by the above two tables and applied to the following substrates, the following limits shall apply:

Substrate Specific Applications	Current VOC Limit*
Metal to Metal	30
Plastic Foams	50
Porous Material (except wood)	50
Wood	30
Fiberglass	80

If an adhesive is used to bond dissimilar substrates together the adhesive with the highest VOC content shall be allowed.

Sealants	Current VOC Limit*
Architectural	250
Marine Deck	760
Nonmembrane Roof	300
Roadway	250
Single-Ply Roof Membrane	450
Other	420

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1168 1-7-2005]

Sealant Primers	Current VOC Limit*
Architectural	
Non Porous	250
Porous	775
Modified Bituminous	500
Marine Deck	760
Other	750

* For low-solid adhesives or sealants the VOC limit is expressed in grams per liter of material as determined in paragraph (b)(32); for all other adhesives and sealants, VOC limits are expressed as grams of VOC per liter of adhesive or sealant less water and less exempt compounds as determined in paragraph (b)(31).

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1168 10-3-2003]

(1) Unless otherwise specified in paragraph (c)(2), a person shall not apply any adhesives, adhesive bonding primers, adhesive primers, or any other primer which have a VOC content in excess of 250 g/L less water and less exempt compounds.

(2) A person shall not apply adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primer which have a VOC content in excess of the limits specified below:

VOC Limit*, Less Water and Less Exempt Compounds in Grams per Liter

Architectural Applications	Current VOC Limit
Indoor Carpet Adhesives	50
Carpet Pad Adhesives	50
Outdoor Carpet Adhesives	150
Wood Flooring Adhesive	100
Rubber Floor Adhesives	60
Subfloor Adhesives	50
Ceramic Tile Adhesives	65
VCT and Asphalt Tile Adhesives	50
Dry Wall and Panel Adhesives	50
Cove Base Adhesives	50
Multipurpose Construction Adhesives	70
Structural Glazing Adhesives	100
Single Ply Roof Membrane Adhesives	250

* For low-solid adhesives or sealants the VOC limit is expressed in grams per liter of material as determined in paragraph (b)(32); for all other adhesives and sealants, VOC limits are expressed as grams of VOC per liter of adhesive or sealant less water and less exempt compounds as determined in paragraph (b)(31).

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1168 10-3-2003]

.Specialty Applications	VOC Limits and Effective Dates**			
	Current VOC Limit	6-7-02	1-1-03	1-1-05
PVC Welding	510			285
CPVC Welding	490			270
ABS Welding	400			
Plastic Cement Welding	350			250
Adhesive Primer for Plastic	650			250
Computer Diskette Manufacturing	350			
Contact Adhesive	250		80	
Special Purpose Contact Adhesive	250			
Tire Retread	100			
Adhesive Primer for Traffic Marking Tape	150			
Structural Wood Member Adhesive	140			
Sheet Applied Rubber Lining Operations	850			
Top and Trim Adhesive	250	540		250

** The specified limits remain in effect unless revised limits are listed in subsequent columns.

Substrate Specific Applications	Current VOC Limit
Metal to Metal	30
Plastic Foams	50
Porous Material (except wood)	50

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1168 10-3-2003]

Substrate Specific Applications	Current VOC Limit
Wood	30
Fiberglass	80

If an adhesive is used to bond dissimilar substrates together the adhesive with the highest VOC content shall be allowed.

Sealants	Current VOC Limit
Architectural	250
Marine Deck	760
Nonmembrane Roof	300
Roadway	250
Single-Ply Roof Membrane	450
Other	420

Sealant Primers	Current VOC Limit
Architectural	
Non Porous	250
Porous	775
Modified Bituminous	500
Marine Deck	760
Other	750

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APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-7-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)

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APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS VOC g/l (lb/gal)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)

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APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-7-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS VOC g/l (lb/gal)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1171 7-14-2006]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2008
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	

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APPENDIX B: RULE EMISSION LIMITS [RULE 1171 7-14-2006]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printingl	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components		
(I) Newsprint	100 (0.83)	

FACILITY PERMIT TO OPERATE

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APPENDIX B: RULE EMISSION LIMITS [RULE 1171 7-14-2006]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008
SOLVENT CLEANING ACTIVITY (cont.)	**VOC g/l (lb/gal)**	**VOC g/l (lb/gal)**
(II) Other Substrates	500 (4.2)	100 (0.83)
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	500 (4.2)	100 (0.83)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.

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APPENDIX B: RULE EMISSION LIMITS [RULE 404 2-7-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402

FACILITY PERMIT TO OPERATE

THE BOEING COMPANY - C17 PROGRAM

APPENDIX B: RULE EMISSION LIMITS [RULE 404 2-7-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100

FACILITY PERMIT TO OPERATE

THE BOEING COMPANY - C17 PROGRAM

APPENDIX B: RULE EMISSION LIMITS [RULE 405 2-7-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 405(a)

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9

FACILITY PERMIT TO OPERATE

THE BOEING COMPANY - C17 PROGRAM

APPENDIX B: RULE EMISSION LIMITS [RULE 405 2-7-1986]

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0