



# South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178  
(909) 396-2000 • www.aqmd.gov



April 9, 2008

Mr. Gerardo Rios  
Chief – Permits Office  
US EPA, Region IX – Air 3  
75 Hawthorne Blvd.  
San Francisco, CA 94105

Dear Mr. Rios:

Attached please find the revised Sections D and K, and Appendix B of Title V permit for Los Angeles City, Department of Airports, ID 800335. The proposed permit was sent electronically to your attention on February 14, 2008 for review. The revision includes the addition of two emergency engines (D124 and D125), the addition of language to conditions C1.11 and C1.21 to limit the hours of maintenance and testing for five emergency engines (D1, D3, D86, D87 and D88) per District Rule 1470 requirements, and the removal of two emergency engines (D5 and D107). Please note that three emergency engines (D82, D83 and D85) are no longer in service and are removed from the permit as an administrative permit revision in this final copy.

Please replace these sections accordingly. If you have any questions, please call Thai Tran (909) 396-2562.

Very truly yours,

*Michael D. Mills*

Michael D. Mills, P.E.  
Senior Manager  
General Commercial and Energy Team  
Engineering and Compliance

MDM:RGC:TT  
Enclosure

TT(C: LAX Title V Permit Letter 475662EPA.DOC

*Cleaning the air that we breathe...*



**FACILITY PERMIT TO OPERATE  
LA CITY, DEPT OF AIRPORT**

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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
<b>Process 1 : INTERNAL COMBUSTION ENGINES</b>					
<b>System 1 : EMERGENCY</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO. 3406, WITH AFTERCOOLER, TURBOCHARGER, 378 HP A/N: 475954	D1		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.11, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO. 3406DI, WITH TURBOCHARGER, 375 HP A/N: 475955	D3		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.11, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO. 3208, WITH TURBOCHARGER, 269 HP A/N: 245857	D4		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NATURAL GAS, HERCULES, MODEL NO. G0339, 69 HP A/N: 245863	D7		NOX: PROCESS UNIT**	NOX: 3400 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NO. NT855G2, WITH TURBOCHARGER, 355 HP A/N: 245849	D8		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12

\* (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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<b>Process 1 : INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL NO.61PO1533, WITH AFTERCOOLER, TURBOCHARGER, 1100 HP A/N: INACTIVE	D10		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, C177.1, D12.1, E71.8, E71.9, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V3W AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL NO. 62B9562, WITH TURBOCHARGER, 245 HP A/N: 245854	D11		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V3E AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL NO. D343, WITH TURBOCHARGER, 420 HP A/N: 245853	D12		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LIQUIFIED PETROLEUM GAS, NATURAL GAS, CUMMINS, MODEL NO. G855, 210 HP A/N: 245850	D13		NOX: PROCESS UNIT**	NOX: 3400 LBS/MMSCF NATURAL GAS (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; NOX: 139 LBS/1000 GAL LPG (1) [RULE 2012,12-7-1995 RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, D12.1, K67.12

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(7) Denotes NSR applicability limit  
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<b>Process 1 : INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NO. 6C5A8.3G1, WITH AFTERCOOLER, TURBOCHARGER, 264 HP A/N: 436558	D14		NOX: PROCESS UNIT**	NOX: 3.7 LBS/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 2012,12-7-1995 RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986] ; ROG: 0.11 LBS/HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996 RULE 1303(a)(1)-BACT,12-6-2002]	C1.4, C1.21, C177.1, D12.1, D135.1, E71.6, E71.7, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V2N AIRFIELD, DIESEL FUEL, CUMMINS, MODEL NO. NT855G5, WITH TURBOCHARGER, 390 HP A/N: 245848	D16		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL CD6359T, WITH TURBOCHARGER, 141 HP A/N: 245846	D17		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, KOMATSU, MODEL 0671T, WITH TURBOCHARGER, 191 HP A/N: 245847	D19		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12

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INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 4239 T, WITH AFTERCOOLER, TURBOCHARGER, 92 HP A/N: 267092	D25		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NTA855-G3, WITH AFTERCOOLER, TURBOCHARGER, 535 HP A/N: 269578	D26		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DAYTON, MODEL 4W121, 60 HP A/N: 300846	D56		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, HINO, MODEL SD100, 150 HP A/N: 300850	D58		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V1 AIRFIELD, DIESEL FUEL, DETROIT DIESEL, MODEL 7123-7406, 750 BHP A/N: 317969	D63		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12

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<b>Process 1 : INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, MODEL 8063-7416 (6V-92 TA), WITH AFTERCOOLER, TURBOCHARGER, 474 HP A/N: 436556	D80		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: 0.4 GRAM/BHP-HR (5) [RULE 1470,6-1-2007]  PM: (9) [RULE 404,2-7-1986]	C1.4, C1.21, D12.1, E71.6, E71.7, E193.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3508 DITA, WITH AFTERCOOLER, TURBOCHARGER, 1199 HP A/N: 436555	D81		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: 0.15 GRAM/BHP-HR (5) [RULE 1470,6-1-2007]  PM: (9) [RULE 404,2-7-1986]	C1.4, C1.11, D12.1, E71.4, E71.5, E193.3, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, PERKINS, MODEL 4.236T, SERIAL NO. U771129B, WITH TURBOCHARGER, 94 HP A/N: 329654	D84		NOX: PROCESS UNIT**	NOX: 0.4 GRAM/BHP-HR (5) [RULE 1470,6-1-2007] ; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999]  PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, E193.2, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V2S AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL 3306 DITA, WITH AFTERCOOLER, TURBOCHARGER, 349 HP A/N: 475957	D86		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 2012,12-7-1995;RULE 2012,4-9-1999]	C1.4, C1.11, D12.1, K67.12

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<b>Process 1 : INTERNAL COMBUSTION ENGINES</b>					
				<b>NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9-1999] ; PM: (9) [RULE 404,2-7-1986] ; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]</b>  <b>ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]</b>	
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3412 DITA, WITH AFTERCOOLER, TURBOCHARGER, 823 HP A/N: 475958	D87		NOX: PROCESS UNIT**	<b>CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999]</b>  <b>NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9-1999] ; PM: (9) [RULE 404,2-7-1986] ; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]</b>  <b>ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]</b>	C1.4, C1.21, D12.1, K67.12

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<b>Process 1 : INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3306 DITA, SERIAL NO. 9NR04105, WITH AFTERCOOLER, TURBOCHARGER, 349 HP A/N: 475959	D88		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 2012,12-7-1995;RULE 2012,4-9-1999]  NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9-1999] ; PM: (9) [RULE 404,2-7-1986] ; PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]  ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]	C1.4, C1.11, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 6068T, 166 BHP A/N: 367015	D89		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 2012,12-7-1995;RULE 2012,4-9-1999]	C1.4, C1.18, D12.1, K67.12

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INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, DETROIT DIESEL, MODEL 6063-HK35, WITH TURBOCHARGER, 635 BHP A/N: 371864	D92		NOX: PROCESS UNIT**	<b>CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,4-9-1999]</b>  <b>NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9-1999] ; PM: (9); PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]</b>  <b>ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]</b>	C1.4, C1.18, D12.1, K67.12

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<b>Process 1 : INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NTA855-G2, WITH AFTERCOOLER, TURBOCHARGER, 465 HP A/N: 340744	D101		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1); PM: (9)	C1.4, C1.18, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 6081AF001, WITH TURBOCHARGER, 300 BHP A/N: 388358	D103		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 2012,12-7-1995;RULE 2012,3-16-2001]  NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005,4-9-1999;RULE 2005,4-20-2001] ; PM: 0.15 GRAM/BHP-HR (5A) [RULE 1470,6-1-2007]  PM: (9); PM10: 0.38 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996] ; ROG: 1 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT,5-10-1996]	C1.4, C1.11, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3208ATAAC, WITH AFTERCOOLER, TURBOCHARGER, 292 HP A/N: 448947	D121		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,12-7-1995;RULE 2012,3-16-2001] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.18, D12.1, E71.8, E71.9, K67.12

\* (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  
LA CITY, DEPT OF AIRPORT**

**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
<b>Process 1 : INTERNAL COMBUSTION ENGINES</b>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, SERIEL NO. 33165395, DIESEL FUEL, CATERPILLAR, MODEL QSK50-G4, WITH AFTERCOOLER, TURBOCHARGER, 2220 HP A/N:	D124		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012,5-6-2005] ; PM: 0.15 GRAM/BHP-HR (5) [RULE 1470,6-1-2007] ; PM: (9) [RULE 404,2-7-1986]	C1.4, C1.11, D12.1, E71.4, E71.5, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, SERIAL NO. 33170868, DIESEL FUEL, CATERPILLAR, MODEL QSK50-G4, WITH AFTERCOOLER, TURBOCHARGER, 2220 HP A/N:	D125		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1); PM: 0.15 GRAM/BHP-HR (5); PM: (9)	C1.4, C1.11, D12.1, E71.4, E71.5, K67.12
<b>Process 2 : COGENERATION</b>					
<b>System 1 : COGENERATION SYSTEM NO.1</b>					
GAS TURBINE, NATURAL GAS, DETROIT, MODEL NO. WLTA 40000 CME, WITH STEAM OR WATER INJECTION, 50.053 MMBTU/HR WITH A/N: 125490	D27	S113	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 40 PPMV NATURAL GAS (4) [RULE 2005,4-9-1999] ; NOX: 146 PPMV (8) [40CFR 60 Subpart GG,3-6-1981]  PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SOX: 500 PPMV (5) [RULE 407,4-2-1982]	A63.2, C8.1, D12.2
STACK	S113	D27			D82.5

\* (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  
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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
<b>Process 2 : COGENERATION</b>					
BOILER, WASTE HEAT RECOVERY TYPE, SERIAL NO. 8304-456-B					
<b>System 2 : COGENERATION SYSTEM NO.2</b>					
GAS TURBINE, NATURAL GAS, DETROIT, MODEL NO. WLTA 40000 CME, WITH STEAM OR WATER INJECTION, 50.053 MMBTU/HR WITH A/N: 125489	D28	S114	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407,4-2-1982] ; NOX: 40 PPMV NATURAL GAS (4) [RULE 2005,4-9-1999] ; NOX: 146 PPMV (8) [40CFR 60 Subpart GG,3-6-1981]	A63.2, C8.1, D12.2
STACK	S114	D28		PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SOX: 500 PPMV (5) [RULE 407,4-2-1982]	D82.5
BOILER, , WASTE HEAT RECOVERY TYPE, SERIAL NO. 8304-456-A					
<b>Process 3 : EXTERNAL COMBUSTION</b>					
<b>System 1 : BOILERS</b>					
BOILER, DIESEL FUEL, NATURAL GAS, COMBUSTION ENGINEERING, MODEL NO. HCC-A-6, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 27.5 MMBTU/HR A/N: 228960	D29		NOX: LARGE SOURCE**	CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,5-13-1994] ; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012,12-7-1995]	B61.1, B75.2, D328.1, D371.2

\* (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
<b>Process 3 : EXTERNAL COMBUSTION</b>					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 36 PPMV DIESEL (3) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]</p> <p>SOX: 500 PPMV (5) [RULE 407,4-2-1982]</p>	
BOILER, DIESEL FUEL, NATURAL GAS, COMBUSTION ENGINEERING, MODEL NO. HCC-A-6, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 27.5 MMBTU/HR A/N: 228959	D30		NOX: LARGE SOURCE**	<p>CO: 2000 PPMV (5A) [RULE 407,4-2-1982] ; CO: 400 PPMV (5) [RULE 1146,5-13-1994] ; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012,12-7-1995</p> <p><i>RULE 2012,4-9-1999</i>] ; NOX: 36 PPMV DIESEL (3) [RULE 2012,12-7-1995;RULE 2012,4-9-1999] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]</p> <p>SOX: 500 PPMV (5) [RULE 407,4-2-1982]</p>	B61.1, B75.2, D328.1, D371.2
BOILER, NO. 1, SERIAL NO. 8716694, NATURAL GAS, YORK SHIPLEY, MODEL 560-SPLV-100N, 4.2 MMBTU/HR A/N: 449404	D117			<p>CO: 2000 PPMV NATURAL GAS (5B) [RULE 407,4-2-1982] ; CO: 400 PPMV NATURAL GAS (5) [RULE 1146.1,5-13-1994] ; NOX: 30 PPMV NATURAL GAS (5) [RULE 1146.1,5-13-1994]</p>	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.



**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
<b>Process 3 : EXTERNAL COMBUSTION</b>					
				PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409,8-7-1981]	
BOILER, NO. 2, SERIAL NO. 8817421, NATURAL GAS, YORK SHIPLEY, MODEL 560-SPLV-100N, 4.2 MMBTU/HR A/N: 449403	D118			CO: 2000 PPMV NATURAL GAS (5B); CO: 400 PPMV NATURAL GAS (5); NOX: 30 PPMV NATURAL GAS (5); PM: 0.1 GRAINS/SCF NATURAL GAS (5)	D332.1
<b>System 3 : HOT POT</b>					
POT, DIESEL FUEL, ASPHALT, INTRA-FACILITY PORTABLE, 250 GALS; 0.42 MMBTU/HR A/N: 426687	D112		NOX: PROCESS UNIT**		B27.2, C1.16, D371.2, K67.11
<b>Process 4 : FUEL STORAGE</b>					
<b>System 1 :</b>					
STORAGE TANK, UNDERGROUND, NO. 1, DIESEL FUEL, 50000 GALS A/N: 182435	D31				J123.1
STORAGE TANK, UNDERGROUND, NO. 2, DIESEL FUEL, 50000 GALS A/N: 182444	D32				J123.1

- \* (1)(1A)(1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5)(5A)(5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2)(2A)(2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8)(8A)(8B) Denotes 40 CFR limit(e.g. NSPS, NESHAPS, etc.)
- (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  
LA CITY, DEPT OF AIRPORT**

**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
<b>Process 6 : FUELING OPERATIONS</b>					
<b>System 1 : STATIONARY</b>					
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, BALANCE RETRACTOR, (G-70-52-AM), GASOLINE A/N: 440363	D38				D182.1, D182.2, D330.1, E193.5, J110.1, J110.2, J373.1, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, BALANCE RETRACTOR, (G-70-52-AM), GASOLINE A/N: 440363	D39				D182.1, D182.2, D330.1, E193.5, J110.1, J110.2, J373.1, K67.6
STORAGE TANK, UNDERGROUND, WITH PHIL-TITE (VR-101-D), GASOLINE, METHANOL COMPATIBLE, WITH PHASE I VAPOR RECOVERY SYSTEM, 20000 GALS A/N: 440363	D40				C1.8, C1.10, D182.1, D182.3, D182.4, D182.5, D330.1, E193.5, J109.1, J120.1, J122.1, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, BALANCE RETRACTOR, (G-70-52-AM), GASOLINE A/N: 440363	D90				D182.1, D182.2, D330.1, E193.5, J110.1, J110.2, J373.1, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, BALANCE RETRACTOR, (G-70-52-AM), GASOLINE A/N: 440363	D91				D182.1, D182.2, D330.1, E193.5, J110.1, J110.2, J373.1, K67.6
BULK MATERIAL LOADING STATION, INCLUDES 30 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N: 471647	D122				C1.20, E71.10, E71.11, K67.15

\* (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  
LA CITY, DEPT OF AIRPORT**

**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
<b>Process 6 : FUELING OPERATIONS</b>					
FUGITIVE EMISSIONS, VALVES	D123				
<b>System 2 : MOBILE</b>					
DISPENSE MOBILE FUELER, GASOLINE, GAS/DIESEL DUAL COMPART. (1000 GAL EA.), W/ A PRES/VAC RELIEF VALVE, WITH BOTTOM FILLING, PHASE I VAPOR RECOVERY SYSTEM, 2000 GALS; WIDTH: 7 FT 4 IN; HEIGHT: 5 FT 10 IN; LENGTH: 23 FT A/N: 378805	D93				C1.8, C1.10, D322.2, E193.4, J109.1, J110.1, J397.1
FUEL DISPENSING NOZZLE, VACUUM ASSIST PHASE II CONTROL, GASOLINE, W/ 50 FT COAXIAL HOSE, HEALY MODEL 400 ORVR, WITH PHASE II VAPOR RECOVERY SYSTEM A/N: 378805	D94				D322.2, E193.4, J109.1, J110.1, J397.1
<b>Process 9 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E64				H23.1
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E65				H23.2

\* (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  
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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
<b>Process 9 : R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES</b>					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E66			ROG: (9) [RULE 1113,11-8-1996;RULE 1113,7-13-2007;RULE 1171,11-7-2003;RULE 1171,2-1-2008]	K67.3
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E67			ROG: (9) [RULE 1107,8-14-1998;RULE 1171,11-7-2003;RULE 1171,2-1-2008]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E68			ROG: (9) [RULE 1151,6-13-1997;RULE 1151,12-11-1998;RULE 1171,11-7-2003;RULE 1171,2-1-2008]	
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E69			ROG: (9) [RULE 1136,6-14-1996;RULE 1171,11-7-2003;RULE 1171,2-1-2008]	
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, > 1 MMBTU/HR AND < = 2 MMBTU/HR	E115				H23.4
<b>Process 10 : SHOOTING RANGE</b>					
<b>System 1 :</b>					
SHOOTING RANGE, INDOOR SOLID BACKSTOP TYPE, NORTH, WIDTH: 19 FT; HEIGHT: 9 FT; LENGTH: 100 FT A/N: 412345	D110				C1.13, C1.14, C1.15, K67.10

\* (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  
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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
<b>Process 10 : SHOOTING RANGE</b>					
SHOOTING RANGE, INDOOR SOLID BACKSTOP TYPE, SOUTH, WIDTH: 19 FT; HEIGHT: 9 FT; LENGTH: 100 FT A/N: 420372	D111				C1.13, C1.14, C1.15, K67.10
<b>Process 11 : FILTER</b>					
<b>System 1 : DRY FILTER</b>					
FILTER, BAG, TORIT, MODEL 75-80, VENTING ABRASIVE BLASTING CABINET & FIRE EXTINGUISHER RECHARGING STATION, LENGTH: 1 FT 8 IN; 129 SQ.FT.; DIAMETER: 1 FT 11 IN A/N: 444983	C116				C12.1, D12.4, E202.1, K67.13

\* (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  
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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.**



**FACILITY PERMIT TO OPERATE  
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**SECTION D: DEVICE ID INDEX**

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D8	1	1	1
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D39	14	6	1
D40	14	6	1
D56	4	1	1
D58	4	1	1
D63	4	1	1
E64	15	9	0
E65	15	9	0
E66	16	9	0
E67	16	9	0
E68	16	9	0
E69	16	9	0
D80	5	1	1
D81	5	1	1
D84	5	1	1



**AQMD**

**FACILITY PERMIT TO OPERATE  
LA CITY, DEPT OF AIRPORT**

**SECTION D: DEVICE ID INDEX**

Device Index For Section D			
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D89	7	1	1
D90	14	6	1
D91	14	6	1
D92	8	1	1
D93	15	6	2
D94	15	6	2
D101	9	1	1
D103	9	1	1
D110	16	10	1
D111	17	10	1
D112	13	3	3
S113	10	2	1
S114	11	2	2
E115	16	9	0
C116	17	11	1
D117	12	3	1
D118	13	3	1
D121	9	1	1
D122	14	6	1
D123	15	6	1
D124	10	1	1
D125	10	1	1



**FACILITY PERMIT TO OPERATE  
LA CITY, DEPT OF AIRPORT**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

**FACILITY CONDITIONS**

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

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

**DEVICE CONDITIONS**

**A. Emission Limits**

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

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 108 LBS PER DAY
PM	Less than or equal to 18 LBS PER DAY
SOX	Less than or equal to 1 LBS PER DAY
Total hydrocarbon	Less than or equal to 48 LBS PER DAY

The operator shall calculate the emission limit(s) when burning natural gas.

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

[Devices subject to this condition : D27, D28]

**B. Material/Fuel Type Limits**



**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:

B27.2 The operator shall not use sealants or other materials containing any carcinogenic compounds identified in the SCAQMD Rule 1401, as amended 05/02/2003.

[RULE 1401, 5-2-2003]

[Devices subject to this condition : D112]

B61.1 The operator shall not use fuel containing the following specified compounds:

Compound	weight percent
Nitrogen greater than	0.01

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

[Devices subject to this condition : D29, D30]

B75.2 The operator shall not use fuel oil in this equipment except under the following circumstance(s):

A District approved source test has been conducted which demonstrates compliance with rule 1146 while firing fuel oil.

[RULE 1146, 11-17-2000]

[Devices subject to this condition : D29, D30]

**C. Throughput or Operating Parameter Limits**

C1.4 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[RULE 1110.2, 6-3-2005; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1401, 6-15-2001]

[Devices subject to this condition : D1, D3, D4, D7, D8, D10, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D84, D86, D87, D88, D89, D92, D101, D103, D121, D124, D125]



**FACILITY PERMIT TO OPERATE  
LA CITY, DEPT OF AIRPORT**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

C1.8 The operator shall limit the throughput to no more than 600000 gallon(s) per year.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 6-15-2001**]

[Devices subject to this condition : D40, D93]

C1.10 The operator shall limit the throughput to no more than 50000 gallon(s) per month.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 6-15-2001**]

[Devices subject to this condition : D40, D93]

C1.11 The operator shall limit the maintenance testing to no more than 50 hour(s) in any one year.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1470, 3-4-2005**]

[Devices subject to this condition : D1, D3, D81, D86, D88, D103, D124, D125]

C1.13 The operator shall limit the firing rate to no more than 7600 lead and non-lead bullets in any one day.

For the purpose of this condition, firing rate shall be defined as number of lead and non-lead bullets being fired.

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

[Devices subject to this condition : D110, D111]

C1.14 The operator shall limit the firing rate to no more than 57000 lead and non-lead bullets in any one calendar month.

For the purpose of this condition, firing rate shall be defined as number of lead and non-lead bullets being fired.

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

[Devices subject to this condition : D110, D111]



**FACILITY PERMIT TO OPERATE  
LA CITY, DEPT OF AIRPORT**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

C1.15 The operator shall limit the firing rate to no more than 205000 lead bullets in any one calendar year.

For the purpose of this condition, firing rate shall be defined as number of lead bullets being fired.

[RULE 1401, 5-2-2003]

[Devices subject to this condition : D110, D111]

C1.16 The operator shall limit the operating time to no more than 80 hour(s) in any one calendar month.

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

[Devices subject to this condition : D112]

C1.18 The operator shall limit the maintenance testing to no more than 20 hour(s) in any one year.

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D4, D8, D10, D11, D12, D16, D17, D19, D25, D26, D56, D58, D63, D84, D89, D92, D101, D121]

C1.20 The operator shall limit the loading rate of JETA fuel to no more than 7000000 gallon(s) in any one calendar month.

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

[Devices subject to this condition : D122]

C1.21 The operator shall limit the maintenance testing to no more than 30 hour(s) in any one year.

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D14, D80, D87]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- C8.1 The operator shall use this equipment in such a manner that the water-to-fuel ratio being monitored, as indicated below, is not less than 0.8 to 1 ratio.

This condition shall only apply when firing natural gas.

To comply with this condition, the operator shall install and maintain a(n) continuous monitoring system to accurately indicate the water-to-fuel ratio being supplied to the equipment.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D27, D28]

- C12.1 The operator shall use this equipment in such a manner that the the static pressure differential across the filter cartridges being monitored as indicated below is less than or equal to 1.5 inches of water column.

[RULE 402, 5-7-1976]

[Devices subject to this condition : C116]

- 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 : D10, D14, D56, D58, D63]

### D. Monitoring/Testing Requirements



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- D12.1 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1110.2, 6-3-2005; RULE 1303(b)(1)-Modeling, 12-6-2002; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**; RULE 1401, 6-15-2001; RULE 1470, 6-1-2007; **RULE 2005, 5-6-2005**; RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005**; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D1, D3, D4, D7, D8, D10, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D84, D86, D87, D88, D89, D92, D101, D103, D121, D124, D125]

- D12.2 The operator shall install and maintain a(n) continuous monitoring system to accurately indicate the fuel usage of the equipment.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The operator shall record the parameter being monitored once every 24 hours.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(b)(2)-Offset, 5-10-1996**; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D27, D28]

- D12.4 The operator shall install and maintain a(n) gauge to accurately indicate the differential pressure across the filter cartridges, measured in inches of water column.

[RULE 402, 5-7-1976]

[Devices subject to this condition : C116]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D82.5 The operator shall install and maintain a CEMS to measure the following parameters:

The CEMS will convert the actual NOX concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

NOX concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS shall be installed and operated in accordance with an approved AQMD Rule 2012 Protocol CEMS plan application. The operator shall not install the CEMS prior to receiving initial approval from AQMD

[RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005**]

[Devices subject to this condition : D27, D28]

D135.1 The operator shall inspect, adjust, and certify the ignition or fuel injection timing of this engine a minimum of once every 3 years of operation. Inspections, adjustments, and certifications shall be performed by a qualified mechanic and performed in accordance with the engine manufacturer's specifications and procedures.

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

[Devices subject to this condition : D14]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D182.1 The operator shall test this equipment in accordance with the following specifications:

The District shall be notified at R461@aqmd.gov or at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of the owner or operator, the name of the contractors, the location of the facility, and the scheduled start and completion dates of the static pressure leak decay test.

The test shall be conducted as frequently as that required by the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

The operator shall conduct a static pressure leak decay test to demonstrate that the storage tank(s), the remote and/or nozzle vapor recovery check valves, associated vapor return piping and fittings are free from vapor leaks.

The test shall be conducted in accordance with CARB Test Procedure Method TP-201.3.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

**[RULE 461, 6-3-2005]**

[Devices subject to this condition : D38, D39, D40, D90, D91]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D182.2 The operator shall test this equipment in accordance with the following specifications:

The District shall be notified at R461@aqmd.gov or at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of owner or operator, the name of the contractors, the location of the facility, the scheduled start and completion dates of the liquid removal rate test.

The test shall be conducted as frequently as that required by the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

If the CARB Executive Order requires the installation of a liquid removal device, a liquid removal rate test shall be conducted to demonstrate the removal of gasoline from the vapor passage of the coaxial hose.

The test shall be conducted in accordance with CARB Test Procedure Method TP-201.6.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

**[RULE 461, 6-3-2005]**

[Devices subject to this condition : D38, D39, D90, D91]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D182.3 The operator shall test this equipment in accordance with the following specifications:

Depending on the system configuration, a pressure integrity test of the drop tube/drain valve assembly shall be conducted to quantify the pressure integrity of both the drop tube and drain valve seal or a pressure integrity test of the drop tube overflow prevention device and spill container drain valve shall be conducted to quantify the pressure integrity of the drop tube overflow prevention device and the pressure integrity of the spill container drain valve.

Either test shall be conducted as a reverification test.

The test shall be conducted in accordance with test procedure method TP-201.1C or TP-201.1D, respectively.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The District shall be notified by e-mail at [R461testing@aqmd.gov](mailto:R461testing@aqmd.gov) or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of the owner or operator, the name of the contractor, the location of the facility, and the scheduled start and completion dates of either the pressure integrity test of drop tube/drain valve assembly or pressure integrity test of the drop tube overflow prevention device and spill container drain valve.

**[RULE 461, 6-3-2005]**

[Devices subject to this condition : D40]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D182.4 The operator shall test this equipment in accordance with the following specifications:

A leak rate and cracking pressure test of pressure/vacuum relief vent valves shall be conducted to determine the pressure and vacuum at which the pressure/vacuum vent valve actuates, and to determine the volumetric leak rate at a given pressure.

The shall be conducted within thirty (30) days after the start of operation of the Phil-Tite phase I EVR equipment and at least once every three (3) years thereafter.

The test shall be conducted in accordance with test procedure method TP-201.1E.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The District shall be notified by e-mail at [R461testing@aqmd.gov](mailto:R461testing@aqmd.gov) or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of the owner or operator, the name of the contractor, the location of the facility, and the scheduled start and completion dates of the leak rate and cracking pressure test of pressure/vacuum relief vent valves.

Test results shall be kept on site for five years and made available to District representative upon request.

[RULE 461, 6-3-2005]

[Devices subject to this condition : D40]



**FACILITY PERMIT TO OPERATE  
LA CITY, DEPT OF AIRPORT**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

D182.5 The operator shall test this equipment in accordance with the following specifications:

A static torque test of rotatable phase I adaptors shall be conducted as a reverification test to quantify the amount of static torque required to start the rotation of the rotatable phase I adaptors.

The test shall be conducted in accordance with test procedure method TP-201.1B.

Test results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The District shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy-two (72) hours prior to testing. This notification shall include, but not limited to, the following items: the name of the owner or operator, the name of the contractor, the location of the facility, and the scheduled start and completion dates of the static torque test rotatable phase I adaptors.

**[RULE 461, 6-3-2005]**

[Devices subject to this condition : D40]

D322.2 The operator shall perform a daily inspection and complete the inspection records immediately after each inspection.

**[RULE 461, 6-15-2001; RULE 461, 6-3-2005; CARB ORDER G-70-193 (H&S Code 39607(d)), 4-21-2000]**

[Devices subject to this condition : D93, D94]

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 : D29, D30]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D330.1 The operator shall have a person that has been trained in accordance with Rule 461(d)(5) conduct a semi-annual inspection of the gasoline transfer and dispensing equipment. The first inspection shall be in accordance with Rule 461, Attachment B, the second inspection shall be in accordance with Rule 461, Attachment C, and the subsequent inspections shall alternate protocols. The operator shall keep records of the inspection and the repairs in accordance to Rule 461 and Section K of this Permit.

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

[Devices subject to this condition : D38, D39, D40, D90, D91]

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 1146.1. The operator shall comply with all general testing, reporting, and recordkeeping requirements in Sections E and K of this permit.

**[RULE 1146.1, 5-13-1994; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D117, D118]



**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:

D371.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever this equipment has combusted one million gallons of diesel fuel, to be counted cumulatively over a five year period. The 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:

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 working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

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

- a). Stack or emission point identification;
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

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

[Devices subject to this condition : D29, D30, D112]

**E. Equipment Operation/Construction Requirements**

E71.4 The operator shall only operate this equipment for more than 50 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that: 1) the electrical grid operator or electric utility 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 2) the engine is located in a utility service block that is subject to the rotating outage.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; 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 : D81, D124, D125]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E71.5 The operator shall only operate this equipment for more than 50 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage provided that the engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[**RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; 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 : D81, D124, D125]

E71.6 The operator shall only operate this equipment for more than 30 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that: 1) the electrical grid operator or electric utility 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 2) the engine is located in a utility service block that is subject to the rotating outage.

[**RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; 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 : D14, D80]

E71.7 The operator shall only operate this equipment for more than 30 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage provided that the engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[**RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; 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 : D14, D80]

E71.8 The operator shall only operate this equipment for more than 20 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that: 1) the electrical grid operator or electric utility 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 2) the engine is located in a utility service block that is subject to the rotating outage.

[**RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; 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 : D10, D121]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E71.9 The operator shall only operate this equipment for more than 20 hours per year allocated for engine maintenance and testing only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage provided that the engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[**RULE 1303, 5-10-1996**; **RULE 1303, 12-6-2002**; **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 : D10, D121]

E71.10 The operator shall only use this equipment to transfer jet-A fuel.

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

[Devices subject to this condition : D122]

E71.11 The operator shall only use this equipment to transfer fuel to aircrafts.

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

[Devices subject to this condition : D122]

E193.1 The operator shall operate and maintain this equipment according to the following specifications:

The fuel injection timing of this engine shall be set and maintained at 1.7 degrees retarded relative to production timing as established by Detroit Diesel in its product announcement "Injection Timing Retard Instruction Conformance With The SCAQMD's General Permit Registration Program 6V92TA Generator Set Engine Model 8063-7416".

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

[Devices subject to this condition : D80]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E193.2 The operator shall operate and maintain this equipment according to the following specifications:

The fuel injection timing of this engine shall be set and maintained at 4 degrees retarded relative to production timing as established by Perkins in its Products Announcement Procedures For Engine Model 4.236T For Conformance With The SCAQMD's General Certified Equipment Registration Program.

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

[Devices subject to this condition : D84]

E193.3 The operator shall operate and maintain this equipment according to the following specifications:

The fuel injection timing of this engine shall be set and maintained at 4 degrees retarded relative to production timing as established by Caterpillar product news bulletin "Requirements To Comply With SCAQMD Certified Equipment".

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

[Devices subject to this condition : D81]

E193.4 The operator shall operate and maintain this equipment according to the following specifications:

All phase I and phase II vapor recovery equipment shall be installed, operated and maintained in accordance with the recommended procedures and schedule of the manufacturer.

The manuals of the equipment or their copies shall be readily accessible on site and made available to District representatives upon request.

[RULE 1401, 6-15-2001; RULE 461, 9-8-1995; RULE 461, 6-15-2001]

[Devices subject to this condition : D93, D94]



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E193.5 The operator shall operate and maintain this equipment as follows:

All permit conditions applicable to the equipment described in the previous permit to operate N9852 shall remain in effect until the new or modified equipment is constructed and operated as described in this new permit. This permit to construct-operate shall become invalid if the modification as described in the equipment description has not been completed within one year from the issue date.

All phase I and phase II vapor recovery equipment at this facility shall be installed, operated and maintained to meet all California Air Resources Board certification requirements.

[RULE 461, 6-15-2001; RULE 461, 6-3-2005]

[Devices subject to this condition : D38, D39, D40, D90, D91]

E202.1 The operator shall clean and maintain this equipment according to the following specifications:

The filter cartridges shall be cleaned at least once a month

Dust collected from this equipment shall be discharged only into enclosed containers

[RULE 402, 5-7-1976]

[Devices subject to this condition : C116]

### H. Applicable Rules



**FACILITY PERMIT TO OPERATE  
LA CITY, DEPT OF AIRPORT**

**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

H23.1 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 : E64]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	District Rule	1411
Refrigerants	40CFR82, SUBPART	B

[RULE 1411, 3-1-1991; 40CFR 82 Subpart B, 7-14-1992]

[Devices subject to this condition : E65]

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

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146.2

[RULE 1146.2, 1-7-2005]

[Devices subject to this condition : E115]

**J. Rule 461**



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1401, 6-15-2001**; **RULE 461, 6-15-2001**; **RULE 461, 6-3-2005**]

[Devices subject to this condition : D40, D93, D94]

J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1401, 6-15-2001**; **RULE 461, 6-15-2001**; **RULE 461, 6-3-2005**]

[Devices subject to this condition : D38, D39, D90, D91, D93, D94]

J110.2 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever methanol from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[**RULE 461, 6-15-2001**; **RULE 461, 6-3-2005**]

[Devices subject to this condition : D38, D39, D90, D91]

J120.1 The operator shall have at least one fuel storage tank at this facility that is methanol compatible and that is U.L. approved for methanol use.

[**RULE 1170, 5-6-1988**]

[Devices subject to this condition : D40]

J122.1 The operator shall use only methanol-compatible seals, fittings, and piping for receiving and dispensing methanol.

[**RULE 1170, 5-6-1988**]

[Devices subject to this condition : D40]



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**SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS**

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

J123.1 The operator shall not dispense fuel from this equipment into motor vehicles.

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

[Devices subject to this condition : D31, D32]

J373.1 The operator shall comply with the following gasoline transfer and dispensing requirements:

a). The Phase II vapor recovery systems shall be installed, operated, and maintained such that the maximum allowable pressure through the system including nozzle, vapor hose, swivels, and underground piping does not exceed the dynamic back pressures described by the California Air Resources Board (CARB) Executive Order by which the system was certified:

Nitrogen Flowrates (CFH)	Dynamic Back Pressure (Inches of Water)
60	0.35
80	0.62

As required by AQMD Rule 461 or CARB Executive Order, dynamic back pressure tests shall be conducted to determine the Phase II system vapor recovery back pressures. The tests shall be conducted in accordance with CARB Test Procedure Method TP-201.4. Results shall be submitted to the AQMD, Engineering and Compliance, within 48 hours of tests.

The AQMD shall be notified by e-mail at R461testing@aqmd.gov or by facsimile at telephone number (909) 396-3606 at least seventy two (72) hours prior to testing. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the dynamic back pressure test.

The test shall be conducted as frequently as that required by the most recent amendment to Rule 461 or CARB Executive Order requirements, whichever is more stringent.

[RULE 461, 6-15-2001; RULE 461, Bellowsless Conditions, 6-3-2005]

[Devices subject to this condition : D38, D39, D90, D91]



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

J397.1 The operator shall comply with the following CARB Executive Order G-70-193:

1. The owner or operator of this equipment shall conduct a physical inspection of the equipment and manually monitor the system gauge levels during gasoline dispensing on a daily operating basis per site. The equipment shall operate within the following gauge levels:

- |                              |                    |
|------------------------------|--------------------|
| a) Vapor return line vacuum: | 35" to 65" wc      |
| b) Gasoline supply pressure: | 27 psig to 35 psig |
| c) Cargo tank pressure:      | less than 18" wc   |

All physical inspections and gauge observations shall be recorded in a systems log and be kept on board the mobile fueler at all times.

2. If a violation of the gauge ranges specified in conditions 1a, 1b, or 1c occurs, the owner or operator of this equipment shall:

- Record the date, time period, and fuel totalizing meter reading when the system first began to fail to operate within the specified range.
- Record the date and time that contact was made with an authorized representative to have the system inspected and repaired.
- Record the date and time that the authorized representative inspected the system, provide a written description of the repairs performed, and record the fuel totalizing meter reading.

3. This equipment shall cease all gasoline dispensing operations when any one of the following conditions occur:

- One of the jet pumps is disabled;
- Failing to achieve the minimum operating vacuum of 35" wc within five seconds after the system has been activated for three consecutive dispensing episodes;
- A vacuum level below 15" wc for more than three seconds after the system has reached 35" wc;
- A vacuum level above 85" wc during a dispensing episode to non-ORVR vehicles;
- Except during testing operations, a closed valve at the vapor return line connection to each jet pump;
- A pressure in the cargo tank headspace exceeding 18" wc for more than five minutes (accumulated) during any sixty minute gasoline dispensing period;
- Except during repair operations, an open drain valve in the liquid drop out pot;
- Except during testing operations, a closed drain valve at the liquid drop out pot in the liquid removal



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

line;

- i) Any observation of breaks, cracks, or holes in the tank insulation, which affects the insulating properties or durability of the insulation;
- j) The accumulated length of all tears of the nozzle boot (including rips, slits, cracks, etc.) exceeds 0.5" in length; or
- k) The faceplate and fill pipe interface cannot achieve a seal of at least 25 percent of the accumulated circumference of the faceplate.

4. Within thirty (30) days of initial operation and at least once every twelve months from the previous test, a vapor return line vacuum integrity test shall be conducted and pass in accordance with Exhibit 3 of CARB Executive Order G-70-193. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within forty-eight (48) hours of test.

The AQMD shall be notified at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator of this equipment; the name of the testing contractor; the location of the mobile fueler; and the scheduled start and completion dates of the vapor return line vacuum integrity test.

5. Within thirty (30) days of initial operation and at least once every twelve months from the previous test, a fill pipe pressure regulation fueling test shall be conducted and pass in accordance with Exhibit 4 of CARB Executive Order G-70-193. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within forty-eight (48) hours of test.

The AQMD shall be notified at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator of this equipment; the name of the testing contractor; the location of the mobile fueler; and the scheduled start and completion dates of the fill pipe pressure regulation fueling test.

6. Within thirty (30) days of initial operation and at least once every twelve months from the previous test, a ten gallon per minute flowrate limitation test shall be conducted and pass in accordance with Exhibit 5 of CARB Executive Order G-70-193. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within forty-eight (48) hours of test.

The AQMD shall be notified at telephone number (909) 396-3886 at least seventy-two (72) hours prior to testing. Such notification shall include the name of the owner or operator of this equipment; the name of the testing contractor; the location of the mobile fueler; and the scheduled start and completion dates of the ten gallon per minute limitation test.

7. The individual and company performing any maintenance on any part of the vapor recovery system shall provide at a minimum for the owner or operator of the mobile fueler, a chronological record consisting of the following information for the mobile fueler's maintenance log. The date of service, name of maintenance technician, a contact phone number, a description of and location of any equipment replaced including appropriate test results, and a description of the system problems repaired.



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

8. A current CARB certification decal shall be displayed on the mobile fueler in a manner approved by the executive officer.
9. Except for necessary inspections due to equipment failures, and for scheduled maintenance and repairs, the mobile fueler dome hatch shall remain closed and latched at all times. Furthermore, the mobile fueler dome hatch shall remain closed and latched until the head space pressure is less than 2" wc.
10. All physical inspection and gauge observation records; all test results; and all maintenance records as required by this CARB Executive Order shall be prepared, shall be retained for five years, and shall be kept within the mobile fueler and made available to district representatives upon request.
11. In case of demonstrated need to fuel service equipment in the field, this mobile fueler maybe used to fuel motor vehicles off site. If the period of off site fueling will exceed four days, the AQMD shall be notified via telephone at (877) 810-6995 with the following information:
  - a) the permit number of the mobile fueler;
  - b) the name and phone number of a contact person;
  - c) the location where the mobile fueler will be operated;
  - d) the estimated time the mobile fueler will be located at this site; and
  - e) the distance to the nearest sensitive receptor if located within 1/4-mile of a long-term health care facility, rehabilitation center, convalescent center, retirement home, residence, school, playground, child care center, and atheltic facility.

The operator shall operate the mobile fueler in accordance to all of the previously mentioned permit conditions. In addition, the operator shall record the amount of gasoline fuel dispensed while the mobile fueler was located off site, and include this amount as part of their monthly and annual throughput totals.

[RULE 461, 6-15-2001; **RULE 461, 6-3-2005**; CARB ORDER G-70-193 (H&S Code 39607(d)), 4-21-2000]

[Devices subject to this condition : D93, D94]

### K. Record Keeping/Reporting



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

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 : E66]

K67.6 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

monthly and annual fuel received and dispensed

test results

inspection and maintenance

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 461, 6-15-2001; RULE 461, 6-3-2005]**

[Devices subject to this condition : D38, D39, D40, D90, D91]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The firing rates of lead and, or non-lead bullets on applicable daily, monthly, and yearly basis as required

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 5-2-2003]**

[Devices subject to this condition : D110, D111]



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

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

date of operation

hours of operation, rounded up to one-quarter of an hour

accumulative monthly operating hours

operation log shall be kept on site for at least five years and made available to District personnel upon requested

[RULE 1303(b)(2)-Offset, 12-6-2002; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D112]

K67.12 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The date of operation

Indication of whether the engine is started manually or automatically

Time reading in hours at the beginning and end of operation

The elapsed time in hours

The reason for operation

The annual total hours of operation (include hours for manual and automatic operation) which shall be recorded no later than January 15th of the following year

The records shall be kept for a minimum of five calendar years prior to the current year and made available to District personnel upon request.

[RULE 1110.2, 6-3-2005; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996**; RULE 1470, 6-1-2007; **RULE 2005, 5-6-2005**; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D1, D3, D4, D7, D8, D10, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D84, D86, D87, D88, D89, D92, D101, D103, D121, D124, D125]



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

K67.13 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Equipment cleaning dates

Records shall be kept for minimum 5 years and made available to District personnel upon request

[RULE 402, 5-7-1976]

[Devices subject to this condition : C116]

K67.15 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monthly throughput of jet A fuel being transferred at this terminal

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D122]



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#### 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 Officer 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 Officer 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 Officer or designee within a reasonable time as specified in writing by the Executive Officer 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 Officer 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 effective 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 Officer 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 Officer 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 Officer 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 offense. [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 affect 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 affect:
  - (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<sup>1</sup> constitutes an affirmative 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 Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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<sup>1</sup> "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 improper 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 Officer 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 Officer 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 official (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 effective 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.

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
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	7-13-2007	Non federally enforceable
RULE 1136	6-14-1996	Federally enforceable
RULE 1145	12-3-2004	Non federally enforceable
RULE 1145	2-14-1997	Federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1146	5-13-1994	Federally enforceable
RULE 1146.1	5-13-1994	Federally enforceable
RULE 1146.2	1-7-2005	Non federally enforceable
RULE 1151	12-11-1998	Federally enforceable
RULE 1151	12-2-2005	Non federally enforceable
RULE 1168	1-7-2005	Non federally enforceable
RULE 1168	10-3-2003	Federally enforceable
RULE 1170	5-6-1988	Non federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	2-1-2008	Non federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1196	9-9-2005	Non federally enforceable
RULE 1303	5-10-1996	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(b)(1)-Modeling	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable



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LA CITY, DEPT OF AIRPORT**

**SECTION K: TITLE V Administration**

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 1401	3-7-2008	Federally enforceable
RULE 1403	10-5-2007	Non federally enforceable
RULE 1411	3-1-1991	Non federally enforceable
RULE 1415	10-14-1994	Non federally enforceable
RULE 1418	9-10-1999	Non federally enforceable
RULE 1470	3-4-2005	Non federally enforceable
RULE 1470	6-1-2007	Non federally enforceable
RULE 2002	1-7-2005	Federally enforceable
RULE 2002	5-11-2001	Federally enforceable
RULE 2005	4-20-2001	Federally enforceable
RULE 2005	4-9-1999	Federally enforceable
RULE 2005	5-6-2005	Federally enforceable
RULE 2009.1	5-11-2001	Non federally enforceable
RULE 2012	1-7-2005	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(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



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**SECTION K: TITLE V Administration**

<b>RULE SOURCE</b>	<b>Adopted/Amended Date</b>	<b>FEDERAL Enforceability</b>
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 442	12-15-2000	Federally enforceable
RULE 461	6-15-2001	Non federally enforceable
RULE 461	6-3-2005	Federally enforceable
RULE 461	9-8-1995	Federally enforceable
RULE 461, Bellowsless Conditions	6-3-2005	Non federally enforceable
RULE 463	5-6-2005	Federally enforceable
RULE 481	1-11-2002	Federally enforceable
40CFR 60 Subpart GG	3-6-1981	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 82 Subpart B	7-14-1992	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable
CARB ORDER G-70-193 (H&S Code 39607(d))	4-21-2000	Non federally enforceable



**FACILITY PERMIT TO OPERATE**  
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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1107 8-14-1998]**

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

The operator 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:

<b>LIMITS</b>				
<b>Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds</b>				
<b>Coating</b>	<b><u>Air Dried</u></b>	<b><u>(lb/gal)</u></b>	<b><u>Baked</u></b>	<b><u>(lb/gal)</u></b>
General	340	(2.8)	275	(2.3)
<u>Effective 3/1/1999</u>				
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 8-14-1998]**

- (2) The operator 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	
Graphic Arts (Sign) Coatings	500						50
Industrial Maintenance							



**FACILITY PERMIT TO OPERATE**  
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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



**FACILITY PERMIT TO OPERATE**  
**LA CITY, DEPT OF AIRPORT**

**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



## FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORT

### APPENDIX B: RULE EMISSION LIMITS [RULE 1113 7-13-2007]

- (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, except anti-graffiti 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.



**FACILITY PERMIT TO OPERATE**  
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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1113 7-13-2007]**

**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	



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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1113 7-13-2007]**

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
Pigmented Lacquer	680	550			275			
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	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing	400					100		
Concrete/Masonry Sealers								
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.

\*\* 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.



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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1113 7-13-2007]**

**TABLE OF STANDARDS (cont.)**  
**VOC LIMITS**

**Grams of VOC Per Liter of Material**

COATING	Limit
Low-Solids Coating	120



**FACILITY PERMIT TO OPERATE**  
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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)

<u>COATING</u>	<u>VOC LIMITS</u>			<u>On and After</u> <u>7/1/2005</u>
	<u>Grams Per Liter (lb/gal) of Coating, [lbs VOC/lb of solids], Less Water and Less Exempt Compounds</u>			
	<u>Current Limit</u>			
	<u>I</u>	<u>or</u>	<u>II</u>	
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:

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

<u>COATING</u>	<u>Current Limit</u>	<u>On and After</u>
		<u>7/1/2005</u>
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

<u>COATING</u>	<u>Current Limit</u>	<u>On and After</u>
		<u>7/1/2005</u>
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°C (68°F).



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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1151 12-11-1998]**

Except as otherwise provided in Rule 1151

(1) VOC Content of Coatings

A person shall not apply a coating to Group I vehicles and equipment, and Group II vehicles, or their parts and components, which has a VOC content which exceeds the limits contained in subparagraphs (1)(A) and (1)(B). Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and exempt compounds, as applied to the vehicle, mobile equipment, or parts and components.

(A) Group I Vehicles and Equipment

The operator who applies coatings to Group I vehicles and equipment, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 1.

**TABLE 1**

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

<u>COATING</u>	<u>On and After</u> <u>December 12, 1998</u>	
	<u>g/L</u>	<u>lb/gal</u>
Pretreatment	780	6.5
Primer/Primer Surfacer/ Primer Sealer	250	2.1
Topcoats		
General	340	2.8
Metallic/Iridescent	340*	2.8*
Multi-Colored	685	5.7
Multistage	340*	2.8*
Specialty Coating	840	7.0

\*The VOC limits for Metallic/Iridescent and Multistage topcoats for spot repairs on Group I vehicles and mobil equipment will be 3.5 lb/gal (less water and exempt compounds).



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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1151 12-11-1998]**

(B) Group II Vehicles

The operator who applies coatings to Group II vehicles, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 2.

**TABLE 2**

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

COATING	On and After December 12, 1998		On and After July 1, 1999		On and After October 1, 1999	
	<u>g/L</u>	<u>lb/gal</u>	<u>g/L</u>	<u>lb/gal</u>	<u>g/L</u>	<u>lb/gal</u>
Pretreatment	780	6.5	780	6.5	780	6.5
Primer/Primer Surfacer	250	2.1	250	2.1	250	2.1
Primer Sealer	340	2.8	340	2.8	340	2.8
Topcoats						
General	420	3.5	420	3.5	420	3.5
Metallic/Iridescent	420	3.5	420	3.5	420	3.5
Multi-Colored	685	5.7	685	5.7	685	5.7
Multistage System						
≥ 2 gal/day <sup>1</sup>	540	4.5	420 <sup>1</sup>	3.5	420	3.5
< 2 gal/day <sup>2</sup>	540	4.5	540 <sup>2</sup>	4.5	420	3.5
Multi-Colored Multistage	420	3.5	420	3.5	420	3.5
Specialty Coating	840	7.0	840	7.0	840	7.0

<sup>1</sup> On and after July 1, 1999, any person who uses two gallons or more of combined basecoat and clearcoat, as applied, on any given day shall comply with the 420 g/L (3.5 lb/gal) limit.

<sup>2</sup> Any person who uses less than two gallons of combined basecoat and clearcoat, as applied, on each day up to September 30, 1999 shall comply with the 3.5 lb/gal limit on and after October 1, 1999.

(2) Exempt Compounds

The operator shall not apply a coating which contains any Group II exempt compounds as defined in Rule 102 except for methylene chloride; carbon tetrachloride; perchloroethylene; or cyclic, branched, or linear, completely methylated siloxanes (VMS).

(3) Carcinogenic Materials



**FACILITY PERMIT TO OPERATE**  
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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1151 12-11-1998]**

The operator shall not apply the coatings in which cadmium or hexavalent chromium was introduced as a pigment or as an agent to impart any property or characteristic to the coatings during manufacturing, distribution, or use of the applicable coatings.



**FACILITY PERMIT TO OPERATE**  
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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1151 6-13-1997]**

Except as otherwise provided in Rule 1151

(1) VOC Content of Coatings

The operator shall not apply a coating to Group I vehicles and equipment, and Group II vehicles, or their parts and components, which has a VOC content which exceeds the limits contained in subparagraphs (1)(A) and (1)(B). Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and exempt compounds, as applied to the vehicle, mobile equipment, or parts and components.

(A) Group I Vehicles and Equipment

The operator who applies coatings to Group I vehicles and equipment, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 1.

**TABLE 1**  
**VOC LIMITS**  
Grams Per Liter of Coating,  
Less Water and Exempt Compounds

<u>COATING</u>	<u>g/L</u>	<u>lb/gal</u>
Pretreatment	780	6.5
Primer/Primer Surfacer/ Primer Sealer	250	2.1
Topcoats		
General	340	2.8
Metallic/Iridescent	340*	2.8*
Multi-Colored	685	5.7
Multistage	340*	2.8*
Specialty Coating	840	7.0

\* Metallic/Iridescent topcoat and Multistage topcoat system VOC content limits do not apply to spot repairs of Group I vehicles and mobile equipment. The use of Metallic/Iridescent topcoats and Multistage topcoat systems in spot repairs on Group I vehicles and mobile equipment shall be subject to the VOC content limits of subparagraph (1)(B).



**FACILITY PERMIT TO OPERATE**  
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**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1151 6-13-1997]**

(B) Group II Vehicles

The operator who applies coatings to Group II vehicles, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 2.

**TABLE 2**  
**VOC LIMITS**  
Grams Per Liter of Coating,  
Less Water and Exempt Compounds

<u>COATING</u>	<u>g/L</u>	<u>lb/gal</u>
Pretreatment	780	6.5
Primer/Primer Surfacer	250	2.1
Primer Sealer	340	2.8
Topcoats		
General	420	3.5
Metallic/Iridescent	420	3.5
Multi-Colored	685	5.7
Multistage System	420	3.5
Multi-Colored	420	3.5
Multistage		
Specialty Coating	840	7.0

(2) Exempt Compounds

The operator shall not apply a coating which contains any Group II exempt compounds as defined in Rule 102 except for methylene chloride; carbon tetrachloride; perchloroethylene; cyclic, branched, or linear, completely methylated siloxanes (VMS); or parachlorobenzotrifluoride (PCBTF).

(3) Carcinogenic Materials

On and after the effective dates specified below for the applicable coatings, the operator shall not apply the coatings in which cadmium or hexavalent chromium was introduced as a pigment or as an agent to impart any property or characteristic to the coatings during manufacturing, distribution, or use of the applicable coatings.

EFFECTIVE DATES

July 1, 1995

July 1, 1996

COATINGS

Pretreatment, primer, primer surfacer, primer sealer, specialty coatings.

Topcoats



**FACILITY PERMIT TO OPERATE**  
**LA CITY, DEPT OF AIRPORT**

**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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**LA CITY, DEPT OF AIRPORT**

**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**  
**LA CITY, DEPT OF AIRPORT**

**APPENDIX B: RULE EMISSION LIMITS**  
**[RULE 1171 2-1-2008]**

(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:

	<b>CURRENT LIMITS*</b>	<b>EFFECTIVE 1/1/2008*</b>	<b>EFFECTIVE 1/1/2009</b>
<b>SOLVENT CLEANING ACTIVITY</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>	<b>VOC g/l (lb/gal)</b>
(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)		