



South Coast Air Quality Management District

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

March 15, 2012

Gerardo Rios (R9AirPermits_sc@epa.gov)
Chief – Permit Office
U.S. EPA – Region IX – Air – 3
75 Hawthorne Street
San Francisco, CA 94105

Subject: Los Angeles World Airport (ID 800335) Title V Permit Revision

Dear Mr. Rios:

Los Angeles World Airport has proposed to revise their Title V permit by 1) obtaining two Jet A Bulk Loading facilities from Los Angeles West Terminal Fuel Corp. - devices D228 to D233, 2) increasing throughput and modifying device D128, 3) converting the permit to construct for device D180 to a permit to operate and 4) removing two boilers under devices D117 and D118. For your review, attached are Section D listing devices D228 to D233 and D180, Section H listing devices D128 and D129, and the evaluation.

This is an aviation service facility (NAICS 48819) located at 275 Center Way, Los Angeles, CA 90045. This proposed permit revision is considered as a “de minimus significant permit revision” to their Title V permit. Attached for your review are the evaluation and permit for the proposed revision. With your receipt of the proposed Title V permit revision today, we will note that the EPA 45-day review period will begin on March 15, 2012.

If you have any questions concerning these changes, please call the processing engineer, Mr. Thai Tran at (909) 396-2562.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian L. Yeh", is written over a faint, larger version of the same signature.

Brian L. Yeh
Senior Manager
Mechanical, Chemical and Public Services
Engineering and Compliance

BLY:DR:TT
Enclosure

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

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
INTERNAL COMBUSTION ENGINE, DIESEL FUEL, CATERPILLAR, MODEL NO. 3406, WITH AFTERCOOLER, TURBOCHARGER, 378 HP A/N: 475954					
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]	C1.11, C1.24, 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, 5-6-2005]; 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, 5-6-2005]; 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, 5-6-2005]; 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, 5-6-2005]; 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

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<small>Facility Name: LA City Dept of Airports; Facility ID: 800335; Revision #: DRAFT; Date: March 14, 2012</small>					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, V3W AIRFIELD, DIESEL FUEL, CATERPILLAR, MODEL D343, SERIAL NO. 62B5962, WITH TURBOCHARGER, 245 HP A/N: 245854	D11		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; 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, 5-6-2005]; 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: 139 LBS/1000 GAL LPG (1) [RULE 2012, 5-6-2005]; NOX: 3400 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, D12.1, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL NO. 6C5A8.3G1, WITH AFTERCOOLER, TURBOCHARGER, 264 HP A/N: 497760	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, 5-6-2005]; 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, D12.1, D135.1, E71.6, E71.7, K67.12

- * (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 AIRPORTS

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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, 5-6-2005]; 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, 5-6-2005]; 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, 5-6-2005]; 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 4239 T, WITH AFTERCOOLER, TURBOCHARGER, 92 HP A/N: 267092	D25		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; 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, 5-6-2005]; 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, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12

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- (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.)
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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, 5-6-2005]; 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, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, C177.1, D12.1, K67.12
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, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.4 GRAM/BHP-HR (5) [RULE 1470, 6-1-2007]	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, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1470, 6-1-2007]	C1.4, C1.11, D12.1, E71.4, E71.5, E193.3, K67.12

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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: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 5-6-2005]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; 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, CATERPILLAR, MODEL 3412 DITA, WITH AFTERCOOLER, TURBOCHARGER, 823 HP A/N: 475958	D87		NOX: PROCESS UNIT**	CO: 8.5 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996]; NOX: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 4-9-1999]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; 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, C1.21, D12.1, K67.12

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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: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 5-6-2005]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; 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: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 5-6-2005]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; 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, C1.18, D12.1, K67.12
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) [RULE 2012, 5-6-2005]; 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 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: 6.9 GRAM/BHP-HR DIESEL (4) [RULE 2005, 5-6-2005]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5A) [RULE 1470, 6-1-2007]; 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: INACTIVE	D121		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.4, C1.18, D12.1, E71.8, E71.9, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL QSK50-G4, WITH AFTERCOOLER, TURBOCHARGER, 2220 HP A/N: 475663	D124		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1470, 6-1-2007]	C1.4, C1.11, D12.1, E71.4, E71.5, K67.12

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INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL QSK50-G4, WITH AFTERCOOLER, TURBOCHARGER, 2220 HP A/N: 475664	D125		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	C1.4, C1.11, D12.1, E71.5, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, RESCUE 80 FIRE STATION, DIESEL FUEL, CUMMINS, MODEL QSX15-G9, WITH TURBOCHARGER, 755 HP A/N: 504875	D173		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	C1.4, C1.11, D12.1, E71.4, E71.5, K67.12
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, CENTRAL UTILITIES PLANT (CUP), DIESEL FUEL, JOHN DEERE, MODEL 6090HF484A, INTERIM UNIT, WITH TURBOCHARGER, 422 BHP A/N: 511274	D176		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 469 LBS/1000 GAL DIESEL (1); NOX + ROG: 3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; PM: (9); PM: 0.15 GRAM/BHP-HR DIESEL (5A) [RULE 1470, 6-1-2007]; PM: 0.15 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	C1.11, C1.23, C1.24, D12.1, E71.5, K67.12

- * (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 AIRPORTS

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
System 1 COGENERATION SYSTEM NO. 1					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, AIRPORT RESPONSE COORDINATION CENTER, DIESEL FUEL, MTU DETROIT DIESEL, MODEL 12V1600G70S, WITH AFTERCOOLER, TURBOCHARGER, 822 HP A/N:	D180		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4); NOX: 469 LBS/1000 GAL DIESEL (1); NOX + ROG: 4.8 GRAM/BHP-HR DIESEL (4); PM: (9); PM: 0.15 GRAM/BHP-HR DIESEL (4)	C1.4, C1.11, C1.23, D12.1, E71.5, K67.12
System 2 COGENERATION SYSTEM NO. 2					
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, 5-6-2005]; 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 BOILER, WASTE HEAT RECOVERY TYPE, SERIAL NO. 8304-456-B	S113	D27			D82.5
System 2 COGENERATION SYSTEM NO. 2					

- * (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 AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 - EXTERNAL COMBUSTION					
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, 5-6-2005]; 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	S114	D28			D82.5
BOILER, WASTE HEAT RECOVERY TYPE, SERIAL NO. 8304-456-A					
Process 4 - EXTERNAL COMBUSTION					
Stack 1 - BOILERS					
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: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 36 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	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

** 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 AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2: DIESEL ENGINE - POWER SECTION					
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**	CO: 400 PPMV (5) [RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 36 PPMV DIESEL (3) [RULE 2012, 5-6-2005]; NOX: 37 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 500 PPMV (5) [RULE 407, 4-2-1982]	B61.1, B75.2, D328.1, D371.2
System 3: HOT POT					
POT, DIESEL FUEL, ASPHALT, INTRA-FACILITY PORTABLE, 250 GALS; 0.42 MMBTU/HR WITH A/N: 506759	D112		NOX: PROCESS UNIT**	NOX: 19 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	B27.2, C1.16, D12.6, D371.2, K67.11
INTERNAL COMBUSTION ENGINE, DIESEL FUEL, ISUZU, MODEL 3LD1, RULE-219, JUNE-1-2007, EXEMPT, 33 BHP	E130			NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	C1.16, D12.6, K67.11
Process 4: FUEL STORAGE					
System 1:					
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
Process 6: FUELING OPERATIONS					
System 1: GASOLINE DISPENSING					

- * (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 AIRPORTS

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
Equipment ID: 480924, 480924, 480924, 480924, 480924					
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, HEALY PHASE II EVR NOT INCLUDING ISD (VR-201-F), GASOLINE, 4 TOTAL A/N: 480924	D126				D330.1, E71.12, J110.1, J110.2, J373.2, J373.3, K67.6
STORAGE TANK, UNDERGROUND, WITH PHIL-TITE (VR-101-D/I), GASOLINE, METHANOL COMPATIBLE, WITH PHASE I VAPOR RECOVERY SYSTEM, 20000 GALS A/N: 480924	D127				C1.8, C1.10, D330.1, E71.12, J109.1, J120.1, J122.1, J373.4, J373.5, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, HEALY PHASE II EVR NOT INCLUDING ISD (VR-201-F), GASOLINE, 4 TOTAL A/N: 480924	D131				D330.1, E71.12, J110.1, J110.2, J373.2, J373.3, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, HEALY PHASE II EVR NOT INCLUDING ISD (VR-201-F), GASOLINE, 4 TOTAL A/N: 480924	D132				D330.1, E71.12, J110.1, J110.2, J373.2, J373.3, K67.6
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, HEALY PHASE II EVR NOT INCLUDING ISD (VR-201-F), GASOLINE, 4 TOTAL A/N: 480924	D133				D330.1, E71.12, J110.1, J110.2, J373.2, J373.3, K67.6

- * (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 AIRPORTS

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
System 1 FUGITIVE EMISSIONS					
BULK MATERIAL LOADING STATION, TERMINAL 3, JET FUEL (JPA), INCLUDES 23 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N:	D128				C1.20, E71.10, E71.11, K67.15
FUGITIVE EMISSIONS, VALVES	D129				
System 2 MOBILE DISPENSERS					
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
System 3 BULK LOAD FUELING					

- * (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 AIRPORTS

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
FUGITIVE EMISSIONS, VALVES					
BULK MATERIAL LOADING STATION, TERMINAL 1, JET FUEL (JPA), INCLUDES 30 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N: 471647	D122				C1.20, E71.10, E71.11, K67.15
FUGITIVE EMISSIONS, VALVES	D123				
BULK MATERIAL LOADING STATION, TERMINAL 3, JET FUEL (JPA), INCLUDES 23 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N:	D128				C1.20, E71.10, E71.11, K67.15
FUGITIVE EMISSIONS, VALVES	D129				
BULK MATERIAL LOADING STATION, TERMINAL 2, JET FUEL (JPA), INCLUDES 18 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N: 511360	D177				E71.10, E71.11
FUGITIVE EMISSIONS, VALVES	D178				
BULK MATERIAL LOADING STATION, TOM BRADLEY INTERNATIONAL TERMINAL, JET FUEL (JPA), INCLUDES 54 HYDRANTS WITH A/N:	D228				C1.27, E71.10, K67.15
FUGITIVE EMISSIONS, VALVES	D229				

- * (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 AIRPORTS

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
SECTION 1: CONCRETE BATCH PLANTS					
BULK MATERIAL LOADING STATION, REMOTE AIRCRAFT PARKING APRON, JET FUEL (JPA), INCLUDES 46 HYDRANTS WITH A/N:	D230				C1.27, E71.10, K67.15
FUGITIVE EMISSIONS, VALVES	D231				
PUMP, BYRON/JACKSON, FOUR UNITS, EACH 150 HP AND 1000 GPM	D232				
FILTER, VESSEL TYPE, VELCON, MODEL W2856008, FOUR UNITS, EACH 1050 GPM	D233				
SECTION 2: CONCRETE BATCH PLANTS (CONTROLS) EQUIPMENT					P42.1
SECTION 3: OPERATIONS					
System 1: CONCRETE BATCH PLANTS (S) & (CONTROL) EQUIPMENT					
HOPPER, DRIVE OVER, AGGREGATE, UP TO TWO HOPPERS A/N: 516415	D137			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, DRIVE OVER, SAND, 1 TOTAL A/N: 516415	D138			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
CONVEYOR, SAND, AGGREGATE, UP TO THREE (3) RADIAL STACKERS AND UP TO FIVE (5) FEEDS A/N: 516415	D139			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8

- * (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 AIRPORTS

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
[REDACTED SECTION]					421
HOPPER, FEED, SAND, AGGREGATE, UP TO FIVE (5) HOPPERS A/N: 516415	D140			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, HOLDING, SAND, AGGREGATE, UP TO THREE (3) HOPPERS, A/N: 516415	D142			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, WEIGH, SAND, AGGREGATE, UP TO THREE (3) HOPPERS A/N: 516415	D156	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
STORAGE SILO, FLY ASH, 1 TOTAL A/N: 516415	D141	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
STORAGE SILO, CEMENT, 1 TOTAL A/N: 516415	D157	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
HOPPER, WEIGH, FLY ASH/CEMENT, UP TO TWO (2) HOPPERS A/N: 516415	D158	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
CONVEYOR, CHARGE, SAND, AGGREGATE, CEMENT, FLYASH A/N: 516415	D159	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
MIXER, TILT, CONCRETE, UP TO TWO (2) MIXERS A/N: 516415	D144	C136		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.1, E193.7
BAGHOUSE, "A", WITH AT LEAST 500 SQUARE FEET FILTER AREA, PULSE JET CLEANING TYPE A/N: 500959	C136	D141 D144 D156 D157 D158 D159		PM: (9) [RULE 404, 2-7-1986]	D12.8, D322.3, D323.3, E102.1, E193.7

- * (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

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FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

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
SECTION 4 - CONCRETE BATCHING PLANT (CONCRETE) PROCESSING OTHER TYPES					P42.1
INTERNAL COMBUSTION ENGINE, R-219 EXEMPT-TIER 3 EPA CERT DIESEL ENG, MAX RATING UP TO 500 BHP, UP TO TWO FRONT END LOADERS A/N: 516415	D155			NOX: 93.8 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	C1.22, E193.7
SECTION 4 - CONCRETE BATCHING PLANT (CONCRETE) PROCESSING OTHER TYPES					
HOPPER, DRIVE OVER, AGGREGATE, UP TO TWO HOPPERS A/N: 516416	D146			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, DRIVE OVER, SAND, 1 TOTAL A/N: 516416	D147			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
CONVEYOR, SAND, AGGREGATE, UP TO THREE (3) RADIAL STACKERS AND UP TO FIVE (5) FEEDS A/N: 516416	D148			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, FEED, SAND, AGGREGATE, UP TO FIVE (5) HOPPERS A/N: 516416	D149			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, HOLDING, SAND, AGGREGATE, UP TO THREE (3) A/N: 516416	D151			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8
HOPPER, WEIGH, SAND, AGGREGATE, UP TO THREE (3) HOPPERS A/N: 516416	D162	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7

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

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FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

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
STATION 34 CONCRETE/ASPHALT CRUSHING OPERATIONS					P42.1
STORAGE SILO, FLY ASH, 1 TOTAL A/N: 516416	D150	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
STORAGE SILO, CEMENT, 1 TOTAL A/N: 516416	D163	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
HOPPER, WEIGH, FLY ASH/CEMENT UP TO (2) HOPPERS A/N: 516416	D164	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
CONVEYOR, CHARGE, SAND, AGGREGATE, CEMENT, FLYASH A/N: 516416	D165	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
MIXER, TILT, CONCRETE, UP TO TWO (2) MIXERS A/N: 516416	D153	C145		PM: (9) [RULE 405, 2-7-1986]	D323.3, E57.2, E193.7
BAGHOUSE, "B", WITH AT LEAST 500 SQUARE FEET FILTER AREA, PULSE JET CLEANING TYPE A/N: 500960	C145	D150 D153 D162 D163 D164 D165		PM: (9) [RULE 404, 2-7-1986]	D12.8, D322.3, D323.3, E102.1, E193.7
INTERNAL COMBUSTION ENGINE, R-219 EXEMPT-TIER 3 EPA CERT DIESEL ENG, MAXI RATING UP TO 500 BHP, UP TO TWO FRONT END LOADERS A/N: 516416	D161			NOX: 93.8 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	C1.22, E193.7
STATION 35 CONCRETE/ASPHALT CRUSHING OPERATIONS					
CONVEYOR, CONCRETE, ASPHALT, UP TO 14 CONVEYORS, INCLUDING STACKING CONVEYORS A/N: 516417	D167			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8, E202.1

- * (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 AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 99 - CONCRETE AND ASPHALT CRUSHING OPERATIONS					P421
CRUSHER, UP TO 3 CRUSHERS, JAW, CONE, OR IMPACTOR, CONCRETE, ASPHALT A/N: 516417	D168			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8, E202.1
SCREEN, UP TO 3 SCREENS, MULTIDECK, CONCRETE, ASPHALT A/N: 516417	D169			PM: (9) [RULE 405, 2-7-1986]	A103.1, D323.3, E193.7, E193.8, E202.1
INTERNAL COMBUSTION ENGINE, R-219 EXEMPT-TIER 3 EPA CERT DIESEL ENG, MAXI RATING UP TO 500 BHP, FRONT END LOADER A/N: 516417	D170			NOX: 93.8 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]	C1.22, E193.7
HOPPER, FEED TYPE A/N: 516417	D172			PM: (9)	A103.1, D323.3, E193.7, E193.8, E202.1
Process 100 - SHOOTING RANGE					
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
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
Process 101 - MILLER					

- * (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 AIRPORTS

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
System 1: FILTERS					
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, E202.2, K67.13
System 2: REFRIGERATION					
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E64				H23.1
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E65				H23.2
System 3: COATING					
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 1107, 1-6-2006; 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, 12-11-1998; RULE 1151, 12-2-2005; 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]	
System 4: STEAM BOILERS					

- * (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 AIRPORTS

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
System 1 - RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, >1 MMBTU/HR AND <= 2 MMBTU/HR					
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, >1 MMBTU/HR AND <= 2 MMBTU/HR	E115				H23.4
System 4 - RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS, 4 TOTAL					
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS, 4 TOTAL	E174				H23.5
System 3 - RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER, 1 TOTAL					
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER, 1 TOTAL	E175			PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 405, 2-7-1986]	

- (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 AIRPORTS**

SECTION D: DEVICE ID INDEX

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

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 LA CITY, DEPT OF AIRPORTS
 SECTION D: DEVICE ID INDEX**

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D25	3	1	1
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**FACILITY PERMIT TO OPERATE
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D111	19	10	0
D112	11	3	3
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 LA CITY, DEPT OF AIRPORTS
 SECTION D: DEVICE ID INDEX**

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D159	16	9	1
D161	18	9	2
D162	17	9	2
D163	18	9	2
D164	18	9	2
D165	18	9	2
D167	18	9	3
D168	19	9	3
D169	19	9	3
D170	19	9	3
D172	19	9	3
D173	8	1	1
E174	21	12	4
E175	21	12	5
D176	8	1	1
D177	14	6	3
D178	14	6	3
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D228	14	6	3
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FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

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]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, "facility" shall be defined as Process 9 - Concrete Batch Plant and Concrete/Asphalt Crushing Operations.

District Rule 1157. The requirements include, but not limited to:

Maintaining fugitive dust emissions from any activity, equipment, storage pile, or disturbed surface area not to exceed a) 20% opacity, based on an average of 12 consecutive readings, using the SCAQMD Opacity Test Method No. 9B, or b) 50% opacity, based on five individual, consecutive readings, using the SCAQMD Opacity Test Method No. 9B, or c) any visible fugitive dust plume from exceeding 100 feet in any direction

Promptly removing any pile of material spillage on any internal paved roads, or maintaining in a stabilized condition the pile of material spillage with dust suppressants and remove it by the end of each day

Applying dust suppressants or using other dust control methods during loading, unloading, or transferring activities; at the conveyor including all transfer points where materials are released; at crushing activities; at the screening equipment including all discharge points; open storage piles; internal unpaved haul roads; unpaved roads and parking and staging areas

Posting signs at the two ends of the internal unpaved haul roads, stating that haul trucks shall use these roads unless traveling to the maintenance areas

Sweeping the internal paved roads with a street sweeper at the applicable interval specified by the rule

Using sweepers that are certified by Rule 1186

Installing and utilizing a rumble grate, a wheel washer, or a truck washer in accordance with applicable requirements specified by the rule

Keeping all records specified by the rule on-site for at least 5 years, and making such records available to the Executive Officer upon request

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1157, 9-8-2006]

PROCESS CONDITIONS

P42.1 The operator shall limit the throughputs of the two Concrete Batch Plants A and B, and that of the Concrete/Asphalt Crusher in such a way that when the corresponding throughput values are placed in the following equation, the result is not higher than 593.7:

$$0.00753 P_b + 0.00175 P_c = 593.7$$

Where:

P_b: combined throughputs in cubic yards of the two Concrete Batch Plants in any one calendar month

P_c: throughput in tons of the Concrete/Asphalt Crusher in any one calendar month

AND THAT:

P_b shall not exceed 78,830 cubic yards in a calendar month and

P_c shall not exceed 90,000 tons in a calendar month.

Throughput records shall be kept in a manner approved by the District to demonstrate compliance with this condition.

Records shall be kept for at least 5 years in a manner approved by the District and made available to District personnel upon request.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 1303(b)(1)-Modeling, 5-10-1996; 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
3004(a)(4)-Periodic Monitoring, 12-12-1997]
 [Processes subject to this condition : 9]

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]

A103.1 The operator shall keep materials received, in process and stored sufficiently moist to prevent fugitive dust emissions.

[**RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 403, 4-2-2004; RULE 403,**
6-3-2005]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D137, D138, D139, D140, D142, D146, D147, D148, D149, D151, D167, D168, D169, D172]

B. Material/Fuel Type Limits

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]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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, 2-1-2008; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;**
RULE 1401, 6-5-2009]

[Devices subject to this condition : D3, D4, D7, D8, D11, D12, D13, D14, D16, D17,
D19, D25, D26, D56, D58, D63, D80, D81, D86, D87, D88, D89, D101, D103, D121,
D124, D125, D173, D180]

C1.8 The operator shall limit the throughput to no more than 600,000 gallon(s) per year.

[**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,
3-7-2008; RULE 461, 3-7-2008]

[Devices subject to this condition : D93, D127]

C1.10 The operator shall limit the throughput to no more than 50,000 gallon(s) per month.

[**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,
3-7-2008; RULE 461, 3-7-2008]

[Devices subject to this condition : D93, D127]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D1, D3, D81, D86, D88, D103, D124, D125, D173, D176, D180]

- C1.13 The operator shall limit the firing rate to no more than 7,600 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 57,000 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]

- C1.15 The operator shall limit the firing rate to no more than 205,000 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.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[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 160 hour(s) in any one calendar month.

The above operating time limit shall also be applicable to device E130.

[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 and testing to no more than 20 hour(s) in any one year.

[RULE 1470, 6-1-2007]

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

- C1.20 The operator shall limit the loading rate of JETA fuel to no more than 7,000,000 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, D128]

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

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1470, 6-1-2007]

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

- C1.22 The operator shall limit the fuel usage to no more than 12,000 gallon(s) in any one calendar month.

This limit shall be based on the total combined limit for equipment under devices D155, D161 and D170.

To comply with this condition, the operator shall maintain monthly fuel consumption records for each front end loader and for all five (5) loaders combined. Records shall be kept in a manner approved by the District.

Records shall be kept for at least 5 years in a manner approved by the District and made available to District personnel upon request.

For the purpose of this condition, fuel is defined as "Diesel".

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

[Devices subject to this condition : D155, D161, D170]

- C1.23 The operator shall limit the maintenance and testing to no more than 4.2 hour(s) in any one calendar month.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 212,**
12-7-1995; RULE 212, 11-14-1997]

[Devices subject to this condition : D176, D180]

- C1.24 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

This limit shall be based on the total combined limit for equipment D1 (Application Number 475954), D176 (Application Number 511274) and D182 (Application 504551).

[RULE 1110.2, 2-1-2008; RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 1401, 6-5-2009]

[Devices subject to this condition : D1, D176]

- C1.27 The operator shall limit the throughput to no more than 57,272,000 gallon(s) in any one calendar month.

This limit shall be based on the total combined limit for equipment under devices D228 (A/N 527653) and D230 (A/N 527654).

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

[Devices subject to this condition : D228, D230]

- 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.

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

[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 : D56, D58, D63]

D. Monitoring/Testing Requirements

- 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, 2-1-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 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, 6-5-2009; RULE 1470, 6-1-2007; RULE 2005, 5-6-2005; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

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

[Devices subject to this condition : D1, D3, D4, D7, D8, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D86, D87, D88, D89, D101, D103, D121, D124, D125, D173, D176, D180]

- 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]

- D12.6 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the device.

For the purpose of this condition, a time meter is required for each device and that device is defined as the heater burner (device D112) or the engine (device E130)

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 3-7-2008; RULE 2005, 5-6-2005; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

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

[Devices subject to this condition : D112]

D12.8 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the bags.

The differential pressure drop across the bags shall not exceed 5 inches water column

The pressure drop across the bags shall be monitored and recorded once a day on any day the baghouse is in operation

Records shall be kept for at least 5 years in a manner approved by the District and made available to District personnel upon request

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(1)-Modeling, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : C136, C145]

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**]

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

[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]

- 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]

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

To comply with this condition, the operator shall keep records for at least 5 years in a manner approved by the District and made available to District personnel upon request.

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

[Devices subject to this condition : C136, C145]

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

D323.3 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarter period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours.

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

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

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

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

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

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

[Devices subject to this condition : C136, D137, D138, D139, D140, D141, D142, D144, C145, D146, D147, D148, D149, D150, D151, D153, D156, D157, D158, D159, D162, D163, D164, D165, D167, D168, D169, D172]

- 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]

- D330.1 The operator shall have a person that has been trained in accordance with Rule 461 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; RULE 461, 3-7-2008]

[Devices subject to this condition : D126, D127, D131, D132, D133]

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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

E57.1 The operator shall vent this equipment to the fully operational baghouse under device number C136 whenever this equipment is in operation.

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

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

[Devices subject to this condition : D141, D144, D156, D157, D158, D159]

E57.2 The operator shall vent this equipment to the fully operational baghouse under device number C145 whenever this equipment is in operation.

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

[Devices subject to this condition : D150, D153, D162, D163, D164, D165]

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, D173]

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.

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

[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 1303(b)(2)-Offset, 5-10-1996; RULE
1303(b)(2)-Offset, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition : D81, D124, D125, D173, D176, D180]

- 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]

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

- 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 : D121]

- 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 : D121]

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

[**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]**

[Devices subject to this condition : D122, D128, D177, D228, D230]

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

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

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

[Devices subject to this condition : D122, D128, D177]

E71.12 The operator shall only allow new equipment installations and subsequent service and repair for any certified component of this equipment for which this permit was issued, be performed by a current and certified person who has successfully completed the manufacturer's training course and appropriate International Code Council (ICC) certification. Completion of any AQMD training course does not constitute as a substitute for this requirement. Proof of successful completion of any manufacturer training course shall be with the manufacturer..

[RULE 461, 3-7-2008]

[Devices subject to this condition : D126, D127, D131, D132, D133]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

Or returned to the process and shall not be handled in a manner that may results in the re-release of the materials to the atmosphere

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C136, C145]

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

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

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]

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]

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

E193.7 The operator shall restrict the operation of this equipment according to the following requirements:

CEQA document has been approved by the Lead Agency for this project or any future project(s). The document has to be submitted to the District prior to operation of this equipment

The operator shall notify the District within 24 hours of the installation of the equipment and at least two weeks prior to the initial operation of the equipment. Notification shall be made in a manner approved by the District.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002]

[Devices subject to this condition : C136, D137, D138, D139, D140, D141, D142, D144, C145, D146, D147, D148, D149, D150, D151, D153, D155, D156, D157, D158, D159, D161, D162, D163, D164, D165, D167, D168, D169, D170, D172]

E193.8 The operator shall operate and maintain this equipment according to the following requirements:

For the purpose of this condition, sand is excluded from the requirements of condition A103.1

[RULE 401, 3-2-1984; RULE 401, 9-11-1998; RULE 403, 4-2-2004; RULE 403, 6-3-2005]

[Devices subject to this condition : D137, D138, D139, D140, D142, D146, D147, D148, D149, D151, D167, D168, D169, D172]

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

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

HIGH PRESSURE WATER SPRAYS OF AT LEAST 150 PSIG SHALL BE INSTALLED AND OPERATED AT THE FOLLOWING LOCATIONS:

- (A) FEED HOPPER
- (B) ALL CONVEYOR TRANSFER POINTS,
- (C) SCREEN FEED INLET AND OUTLET,
- (D) CRUSHER INLET AND OUTLET,

ALL FITTINGS AND HOSES OF THE HIGH PRESSURE WATER SPRAY SYSTEM SHALL BE KEPT TIGHT SUCH THAT THERE ARE NO LEAKS OR DRIPS. IF LEAKS OR DRIPS OCCUR, THEY MUST BE REPAIRED WITHIN 8 HOURS AFTER DETECTION.

A THOROUGH DESCRIPTION OF THE ACTUAL NOZZLE SIZES, LOCATIONS, AND FLOW RATES SHALL BE SUBMITTED TO THIS AGENCY WITHIN 30 DAYS AFTER INSTALLATION IS COMPLETED.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 403, 4-2-2004; RULE 403, 6-3-2005]

[Devices subject to this condition : D167, D168, D169, D172]

E202.2 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]

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

[Devices subject to this condition : C116]

H. Applicable Rules

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

CO | District Rule | 1146.2

[RULE 1146.2, 1-7-2005]

[Devices subject to this condition : E115]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Chromium, Hexavalent	District Rule	1404

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E174]

J. Rule 461

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 1303(a)(1)-BACT, 12-6-2002; RULE 1401, 3-7-2008; RULE 461, 3-7-2008]

[Devices subject to this condition : D93, D94, D127]

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

- 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 1303(a)(1)-BACT, 12-6-2002; RULE 1401, 3-7-2008; RULE 461, 3-7-2008]

[Devices subject to this condition : D93, D94, D126, D131, D132, D133]

- 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, 3-7-2008]

[Devices subject to this condition : D126, D131, D132, D133]

- 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 : D127]

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

[RULE 1170, 5-6-1988]

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

[Devices subject to this condition : D127]

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]

J373.2 The operator shall comply with the following gasoline transfer and dispensing requirements:

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

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 0.50

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 seventy-two (72) hours of the test.

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.

b). As required by AQMD Rule 461 or CARB Executive Order, a static pressure leak decay test shall be conducted to demonstrate that the storage tanks, 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. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

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

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

contractors; the location of the facility; and the scheduled start and completion dates of the static pressure leak decay test.

c). As required by AQMD Rule 461 or CARB Executive Order, a static pressure performance test for the Healy clean air separator using both the vacuum decay procedure and the positive pressure procedure shall be conducted to quantify the vapor tightness of the tank pressure management system. These tests shall be conducted in accordance with Exhibit 4 of CARB Executive Order VR-201-F as a performance test and as a reverification test. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

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 static pressure performance test.

d). As required by AQMD Rule 461 or CARB Executive Order, a vapor to liquid volume ratio test shall be conducted to quantify the vapor to liquid (V/L) volumetric ratio of the Healy clean air separator system. The test shall be conducted in accordance with Exhibit 5 of CARB Executive Order VR-201-F as a performance test and as a reverification test. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

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 vapor to liquid volume ratio test.

e). As required by AQMD Rule 461 or CARB Executive Order, a nozzle bag test shall be conducted on the Healy phase II EVR nozzles to verify the integrity of the vapor valve. The test shall be conducted on any newly installed or replaced Healy phase II EVR nozzles and in accordance with Exhibit 7 of CARB Executive Order VR-201-F. Results shall be submitted to the AQMD, Engineering and Compliance,

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

within seventy-two (72) hours of the test.

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 nozzle bag test.

f). As required by AQMD Rule 461 or CARB Executive Order, the static pressure leak decay test TP-201.3, shall be conducted in accordance with Exhibit 8 of CARB Executive Order VR-202-F. Verification of completing each step as outlined shall be documented. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

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 static pressure leak decay test.

The testing frequency for the above mentioned tests shall be conducted in accordance with the most recent AQMD Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

All records and test results that are required to be maintained by Rule 461 shall be kept on site and made available to AQMD representatives upon request.

[RULE 461, 3-7-2008]

[Devices subject to this condition : D126, D131, D132, D133]

J373.3 The operator shall comply with the following gasoline transfer and dispensing requirements:

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Should the facility dispense more than 600,000 gallons of gasoline per calendar year and if the facility undergoes a major modification as defined by CARB's advisory letter number 336, "Enhanced Vapor Recovery Implementation Update" dated April 15, 2005; the operator shall immediately cease all gasoline dispensing operations and file an application for a new permit to construct/operate to install a CARB certified ISD system.

Gasoline dispensing operations shall not resume until the ISD system has been granted a permit to construct/operate and has been fully installed, tested, and operative.

Should the facility dispense more than 600,000 gallons of gasoline in any calendar year and if the facility does not undergo a major modification as defined by CARB's advisory letter number 336, "Enhanced Vapor Recovery Implementation Update" dated April 15, 2005; the operator shall file an application for a new permit to construct/operate to install a CARB certified ISD system.

The ISD system shall be fully installed, tested, and operative by September 1, 2009 when the annual gasoline throughput is greater than 1.8 million gallons, or September 1, 2010 when the annual gasoline throughput is between 600,001 and 1.8 million gallons.

[RULE 461, 3-7-2008]

[Devices subject to this condition : D126, D131, D132, D133]

J373.4 The operator shall comply with the following gasoline transfer and dispensing requirements:

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

a). As required by AQMD Rule 461 or CARB Executive Order, a static pressure leak decay test shall be conducted to demonstrate that the storage tanks, 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. Results shall be submitted to the AQMD, Engineering and Compliance, within seventy-two (72) hours of the test.

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 static pressure leak decay test.

The testing frequency for the above mentioned tests shall be conducted in accordance with the most recent AQMD Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

All records and test results that are required to be maintained by Rule 461 shall be kept on site and made available to AQMD representatives upon request.

[RULE 461, 3-7-2008]

[Devices subject to this condition : D127]

J373.5 The operator shall comply with the following gasoline transfer and dispensing requirements:

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

The leak rate test shall be conducted in accordance with test procedure method TP-201.1C (October 8, 2003) or TP-201.1D (October 8, 2003), respectively. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

A leak rate and cracking pressure test of pressure/vacuum relief vent valves shall be conducted within thirty days (30) after the start of operation of the PHIL-TITE phase I EVR equipment and at least once every three (3) years thereafter 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 leak rate and cracking pressure test shall be conducted in accordance with the test procedure method TP-201.1E (October 8, 2003). Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test. This test result shall be kept on site for five (5) years and made available to district representatives upon request.

A static torque test of rotatable phase I adaptors shall be conducted 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 the test procedure method outlined in TP-201.1B (October 8, 2003) as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

The testing frequency for the above mentioned tests shall be conducted in accordance with the most recent AQMD Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

All records and test results that are required to be maintained by Rule 461 shall be kept on site and made available to AQMD representatives upon request.

[RULE 461, 3-7-2008]

[Devices subject to this condition : D127]

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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;

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

- d) A vacuum level above 85" wc during a dispensing episode to non-ORVR vehicles;
- e) Except during testing operations, a closed valve at the vapor return line connection to each jet pump;
- f) A pressure in the cargo tank headspace exceeding 18" wc for more than five minutes (accumulated) during any sixty minute gasoline dispensing period;
- g) Except during repair operations, an open drain valve in the liquid drop out pot;
- h) Except during testing operations, a closed drain valve at the liquid drop out pot in the liquid removal 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.

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

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.

8. A current CARB certification decal shall be displayed on the mobile fueler in a manner approved by the executive officer.

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

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 may be 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 athletic 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]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D93, D94]

K. Record Keeping/Reporting

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

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

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 461, 3-7-2008]**

[Devices subject to this condition : D126, D127, D131, D132, D133]

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]

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 on the burner or that on the engine, 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]

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

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, 2-1-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 1470, 11-3-2005; RULE 2005, 5-6-2005; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D1, D3, D4, D7, D8, D11, D12, D13, D14, D16, D17, D19, D25, D26, D56, D58, D63, D80, D81, D86, D87, D88, D89, D101, D103, D121, D124, D125, D173, D176, D180]

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

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

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 by this equipment

Records shall be kept for minimum five years and made available upon request

[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, D128, D228, D230]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO.1, TOM BRADLEY INTERNATIONAL TERMINAL, DIESEL FUEL, CATERPILLAR, MODEL 3516C, WITH DIESEL PARTICULATE FILTER, RYPOS, MODEL HDPF/C, WITH AFTERCOOLER, TURBOCHARGER, 2937 HP A/N: 525468 Permit to Construct Issued: 10/12/11					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO.1, TOM BRADLEY INTERNATIONAL TERMINAL, DIESEL FUEL, CATERPILLAR, MODEL 3516C, WITH DIESEL PARTICULATE FILTER, RYPOS, MODEL HDPF/C, WITH AFTERCOOLER, TURBOCHARGER, 2937 HP A/N: 525468 Permit to Construct Issued: 10/12/11	D216		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 0.5 GRAM/BHP-HR DIESEL (4) [RULE 1470, 6-1-2007; RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.07 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]; ROG: 0.3 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007; RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]	C1.4, C1.11, C1.23, D12.1, E57.3, E71.5, H23.6, I296.1, 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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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO.2, TOM BRADLEY					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO.2, TOM BRADLEY INTERNATIONAL TERMINAL, DIESEL FUEL, CATERPILLAR, MODEL 3516C, WITH DIESEL PARTICULATE FILTER, RYPOS, MODEL HDPF/C, WITH AFTERCOOLER, TURBOCHARGER, 2937 HP A/N: 525469 Permit to Construct Issued: 10/12/11	D217		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; NOX: 0.5 GRAM/BHP-HR DIESEL (4) [RULE 1470, 6-1-2007; RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.07 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]; ROG: 0.3 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1) -BACT, 12-6-2002; RULE 1470, 6-1-2007]	C1.4, C1.11, C1.23, D12.1, E57.3, E71.5, H23.6, I296.1, K67.12

- (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 AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO. 3, TOM BRADLEY					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO. 3, TOM BRADLEY INTERNATIONAL TERMINAL, DIESEL FUEL, CATERPILLAR, MODEL 3516C, WITH DIESEL PARTICULATE FILTER, RYPOS, MODEL HDPF/C, WITH AFTERCOOLER, TURBOCHARGER, 2937 HP A/N: 525470 Permit to Construct Issued: 10/12/11	D218		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]; NOX: 0.5 GRAM/BHP-HR DIESEL (4) [RULE 1470, 6-1-2007; RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.07 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]; ROG: 0.3 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1) -BACT, 12-6-2002; RULE 1470, 6-1-2007]	C1.4, C1.11, C1.23, D12.1, E57.3, E71.5, H23.6, I296.1, 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.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 6: FUELING OPERATIONS System 1: GASOLINE DISPENSING					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, NO.4, TOM BRADLEY INTERNATIONAL TERMINAL, DIESEL FUEL, CATERPILLAR, MODEL 3516C, WITH DIESEL PARTICULATE FILTER, RYPOS, MODEL HDPF/C, WITH AFTERCOOLER, TURBOCHARGER, 2937 HP A/N: 525471 Permit to Construct Issued: 10/12/11	D219		NOX: PROCESS UNIT**	CO: 2.6 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]; NOX: 0.5 GRAM/BHP-HR DIESEL (4) [RULE 1470, 6-1-2007; RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]; NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.07 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]; ROG: 0.3 GRAM/BHP-HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1) -BACT, 12-6-2002; RULE 1470, 6-1-2007]	C1.4, C1.11, C1.23, D12.1, E57.3, E71.5, H23.6, I296.1, 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.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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
SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE					
BULK MATERIAL LOADING STATION, TERMINAL 3, JET FUEL (JPA), INCLUDES 26 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N:	D128				C1.28, E71.10, E71.11, K67.5
FUGITIVE EMISSIONS, VALVES	D129				
SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE					
BULK MATERIAL LOADING STATION, BRADLEY WEST APRON, JET FUEL (JPA), INCLUDES 30 HYDRANTS WITH DRY BREAK COUPLERS WITH A/N: 523126 Permit to Construct Issued: 09/15/11	D214				C1.25, E71.10, E71.11, K67.15
FUGITIVE EMISSIONS, VALVES	D215				

- * (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 AIRPORTS**

SECTION H: 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
LA CITY, DEPT OF AIRPORTS
SECTION H: DEVICE ID INDEX**

Device Index For Section H			
D128	5	6	1
D128	5	6	3
D129	5	6	1
D129	5	6	3
D129	5	6	3
D129	5	6	3
D124	5	6	3
D215	5	6	3
D216	1	1	1
D217	2	1	1
D218	3	1	1
D219	4	1	1

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

For the purpose of this condition, "facility" shall be defined as Process 9 - Concrete Batch Plant and Concrete/Asphalt Crushing Operations.

District Rule 1157. The requirements include, but not limited to:

Maintaining fugitive dust emissions from any activity, equipment, storage pile, or disturbed surface area not to exceed a) 20% opacity, based on an average of 12 consecutive readings, using the SCAQMD Opacity Test Method No. 9B, or b) 50% opacity, based on five individual, consecutive readings, using the SCAQMD Opacity Test Method No. 9B, or c) any visible fugitive dust plume from exceeding 100 feet in any direction

Promptly removing any pile of material spillage on any internal paved roads, or maintaining in a stabilized condition the pile of material spillage with dust suppressants and remove it by the end of each day

Applying dust suppressants or using other dust control methods during loading, unloading, or transferring activities; at the conveyor including all transfer points where materials are released; at crushing activities; at the screening equipment including all discharge points; open storage piles; internal unpaved haul roads; unpaved roads and parking and staging areas

Posting signs at the two ends of the internal unpaved haul roads, stating that haul trucks shall use these roads unless traveling to the maintenance areas

Sweeping the internal paved roads with a street sweeper at the applicable interval specified by the rule

Using sweepers that are certified by Rule 1186

Installing and utilizing a rumble grate, a wheel washer, or a truck washer in accordance with applicable requirements specified by the rule

Keeping all records specified by the rule on-site for at least 5 years, and making such records available to the Executive Officer upon request

[RULE 1157, 9-8-2006]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

PROCESS CONDITIONS

P42.1 The operator shall limit the throughputs of the two Concrete Batch Plants A and B, and that of the Concrete/Asphalt Crusher in such a way that when the corresponding throughput values are placed in the following equation, the result is not higher than 593.7:

$$0.00753 P_b + 0.00175 P_c = 593.7$$

Where:

P_b : combined throughputs in cubic yards of the two Concrete Batch Plants in any one calendar month

P_c : throughput in tons of the Concrete/Asphalt Crusher in any one calendar month

AND THAT:

P_b shall not exceed 78,830 cubic yards in a calendar month and

P_c shall not exceed 90,000 tons in a calendar month.

Throughput records shall be kept in a manner approved by the District to demonstrate compliance with this condition.

Records shall be kept for at least 5 years in a manner approved by the District and made available to District personnel upon request.

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[**RULE 1303(b)(1)-Modeling, 5-10-1996; 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 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Processes subject to this condition : 9]

DEVICE CONDITIONS

B. Material/Fuel Type Limits

B59.1 The operator shall only use the following material(s) in this device :

NATURAL GAS AS FUEL

[**RULE 1146, 11-17-2000; RULE 1146, 9-5-2008; RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1401, 9-10-2010; RULE 2005, 5-6-2005; RULE 2005, 6-3-2011**]

[Devices subject to this condition : D183, D186]

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, 2-1-2008; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1401, 6-5-2009**]

[Devices subject to this condition : D216, D217, D218, D219]

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 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007**]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : D216, D217, D218, D219]

- C1.23 The operator shall limit the maintenance and testing to no more than 4.2 hour(s) in any one calendar month.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 212, 12-7-1995; RULE 212, 11-14-1997**]

[Devices subject to this condition : D216, D217, D218, D219]

- C1.25 The operator shall limit the loading rate of JETA fuel to no more than 18,300,000 gallon(s) in any one calendar month.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 9-10-2010**]

[Devices subject to this condition : D214]

- C1.28 The operator shall limit the loading rate of JETA fuel to no more than 17,306,000 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 : D128]

D. Monitoring/Testing Requirements

- 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, 2-1-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; 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, 6-5-2009; RULE 1470, 6-1-2007; RULE 2005, 5-6-2005; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : D216, D217, D218, D219]

D28.2 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted to determine the NOX emissions at the outlet.

The test shall be conducted to demonstrate compliance with BACT/LAER requirements.

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up.

Source test shall be conducted when this equipment is operating maximum, medium, minimum and normal load rates.

The test shall be conducted in accordance with SCAQMD Method 100.1.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

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

[Devices subject to this condition : D183, D186]

D82.6 The operator shall install and maintain a CEMS to measure the following parameters:

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

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

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

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

[Devices subject to this condition : S220, S221]

D90.1 The operator shall periodically monitor the NOx emissions at the stack of this boiler according to the following specifications:

as required by Section (d)(8) of Rule 1146

[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]

[Devices subject to this condition : D183, D186]

D182.6 The operator shall test this equipment in accordance with the following specifications:

as specified in Rule 1146

[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]

[Devices subject to this condition : D183, D186]

E. Equipment Operation/Construction Requirements

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

E57.3 The operator shall vent this equipment to a Diesel Particulate Filter which is fully functional and is certified by California Air Resource Board as level 3 whenever it is in operation.

[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 : D216, D217, D218, D219]

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 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1470, 6-1-2007]

[Devices subject to this condition : D216, D217, D218, D219]

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

[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]

[Devices subject to this condition : D128, D214]

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 : D128, D214]

H. Applicable Rules

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

Contaminant	Rule	Rule/Subpart
CO	District Rule	1470
NOX	District Rule	1470
PM10	District Rule	1470
ROG	District Rule	1470

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D216, D217, D218, D219]

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

Contaminant	Rule	Rule/Subpart
CO	District Rule	1146

[RULE 1146, 11-17-2000; RULE 1146, 9-5-2008]

[Devices subject to this condition : D183, D186]

I. Administrative

I296.1 This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the annual emissions increase for the first 12 months of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the start of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase.

[RULE 2005, 5-6-2005; RULE 2005, 6-3-2011]

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : D216, D217, D218, D219]

K. Record Keeping/Reporting

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

Two complete copies of the reports shall be submitted to the District (Attentioned to Thai Tran, PO Box 4941, Diamond Bar, CA 91765)

Source test results shall be submitted to the District no later than 45 days after the source test was conducted.

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

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

Emission data shall be expressed in terms of mass rate (lbs/hr). In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

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

[Devices subject to this condition : D183, D186]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Purchase records of abrasive used or daily records of abrasives used and evidence of ARB certification

If abrasives are re-used, records to demonstrate that such abrasives are tested with CARB Method 371-A

Daily records of the description of items blasted to demonstrate compliance

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

[Devices subject to this condition : D128]

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, 2-1-2008; RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 1470, 11-3-2005; RULE 2005, 5-6-2005; RULE 2011, 5-6-2005; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D216, D217, D218, D219]

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

FACILITY PERMIT TO OPERATE LA CITY, DEPT OF AIRPORTS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Monthly throughput of jet A fuel being transferred by this equipment

Records shall be kept for minimum five years and made available upon request

**[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 : D214]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING AND COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGE 1 OF 5 APPL. NO. See below PROCESSED BY TT CHECKED BY DATE 3/13/2012
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APPLICANT'S NAME: LOS ANGELES CITY, DEPARTMENT OF AIRPORT (LAWA)
MAILING ADDRESS: 7301 WORLD WAY WEST, ROOM 312
 LOS ANGELES, CA 90045
EQUIPMENT ADDRESS: See Below

EQUIPMENT DESCRIPTION:

Please refer to the attached "Draft" facility permit section D for device D180 (A/N 512301), devices D228 and D229 (A/N 527653), D230 to D233 (A/N 527654), Section H for devices D128 to D129 (A/N 532004).

HISTORY / PROCESS DESCRIPTION:

This evaluation covers three requests of facility permit revisions from LOS ANGELES CITY, DEPARTMENT OF AIRPORT aka Los Angeles World Airports (LAWA). The revisions are as follows:

- Application 512302: convert permit to construct to permit to operate (by A/N 512301) for device D180. This device was notified by the applicant that it had been installed and operated.
- Application 528547: addition of devices D228 to D233 (by A/Ns 527653 and 527654) [previously under command-and-control permits (G10873 and G10875) issued to Los Angeles West Terminal Fuel Corp. (ID 76599)]. These devices are located at Tom Bradley Terminal and at Aircraft Parking Apron, respectively, at LAX.
- Application 532001: for modify and change permit condition (by A/N 532004) for devices D128 and D129. These devices are located at Terminal 3

Application 512301 was for a permit to construct an emergency engine driving an electrical generator under device D180. A permit to construct was issued in 2010. On November 15, 2011 the applicant notified the District that the device was installed and operate. The device, therefore, is moved from Section H to Section D of the facility permit. No further evaluation is required.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING AND COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGE 2 OF 5 APPL. NO. See below PROCESSED BY TT CHECKED BY DATE 3/13/2012
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Applications 527653 and 527654 are for addition/transfer of equipment from Los Angeles West Terminal Fuel Corp to LAWA as the result of the change of operator of the Jet-a Bulk Loading facilities, previously under command-and-control permits (G10873 and G10875). Although Los Angeles West Terminal Fuel Corp is a non-RECLAIM and non-Title V facility, and that LAWA is a RECLAIM and Title V facility, because this transfer involves VOC (non-RECLAIM pollutant) emission sources, the requirements of Regulation XX are not applicable or triggered. There are minor requirements which will be discussed below from Regulation XXX are triggered. The proposed revision is subject to EPA review since this transfer of equipment is not defined by Rule 3000 as an Administrative Revision.

For application 532004, in 2008, when device D128 had been evaluated for a permit to construct/operate, based on a conservative emission assessment, with a higher emission factor, it was determined that 9 lb of VOC emission increase from this device. And the applicant provided 11 lb VOC ERC to offset the emission increase. Lately staff has used emission factor provided by EPA AP-42 Section 5.2 to assess emission from this type of operation. The EPA emission factor is lower than the previous one. For this reason, the applicant filed A/N 532004 to revise the emission assessment. However, rather than requesting for revision emission on the records or asking for ERC credit, the applicant requests for a higher throughput with the new emission factor in such a way that it would require an equivalent offset in the amount 11 lb VOC. Also in this application, the applicant proposes to modify the equipment by adding and removing hydrants so that the final hydrant count increases from 23 to 26. This revision is subject to EPA's review.

EVALUATION:

For application 512301,

Device D180 had been issued a permit to construct after being reviewed by EPA in 2010. Subsequently the device was installed and operated so a permit to operate is to issue without further evaluation. This device will be moved from Section H to Section D of the Facility Permit. This is an administrative Facility Permit revision and is not subject to EPA review.

For applications 527653 and 527654,

the addition of equipment from Los Angeles West Terminal Fuel Corp to LAWA as the result of the change of operator of the Jet-a Bulk Loading facilities will not change because the equipment will not be modified and that they will be operated in the same manner as the previous operator. The same emission data will be transferred and recorded to this facility.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING AND COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGE 3 OF 5 APPL. NO. See below PROCESSED BY TT CHECKED BY DATE 3/13/2012
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For application 532004,

EPA AP-42 Section 5.2 provides emission factor (EF) for loading loss emission from these operations as follows:

$$EF = 12.46 (S)(P)(M)/(T)$$

Where S: saturation factor (Table 5.2-1), =0.60, submerged loading: dedicated normal services

P: vapor pressure, psi @ 60 degree F = 0.0085

M: molecular weight, lb/lbmole = 130

T: temperature of liquid loaded, degree R = 520

$$EF = (12.46) (0.60) (0.0085) (130) / (520) \\ = 0.01589 \text{ lb/1000gal}$$

The emission (E) from these operations with EF can be assessed in accordance to the following equations:

$$E = (TP) (EF) \quad \text{where TP: daily throughput in 1000 gal} \\ E = 11/1.2 \quad \begin{array}{l} 11: \text{offset amount} \\ 1.2: \text{emission offset ratio} \end{array}$$

Substitute (2) into (1) and solve for TP yield,

$$TP = 11 / [1.2 (EF)] = (11) / [(0.01589 \times 10^{-3}) (1.2)] \\ = 57,687 \times 10^3 \text{ gal/dy or } 17,306,000 \text{ gal/mo on 30-day basis}$$

This means that with the new emission factor, the equipment can have a throughput of 17,306,000 gallon a month without providing additional offset.

The applicant has submitted the Risk Analysis (and the results were concurred by the permit processing engineer) for this increase of the throughput. The analysis shows that the highest MICR is 0.42 in one million to the workers at 12-foot release height and that the chronic and acute indexes are less than 1. These numbers are well within the thresholds required by Rule 1401.

According to the above EPA emission factor, the number of hydrants does not affect the emission so no emission assessment is needed due to the change of number of hydrants. The equipment description will be revised for information purposes.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT ENGINEERING AND COMPLIANCE APPLICATION PROCESSING AND CALCULATIONS	PAGE 4 OF 5 APPL. NO. See below PROCESSED BY TT CHECKED BY DATE 3/13/2012
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RULES EVALUATION:

- Rule 401 The equipment was operated in compliance with the requirements of this rule. Continue in compliance is expected.
- Rule 402 The equipment was operated in compliance with the requirements of this rule. Continue in compliance is expected.
- Rule 431.2 AQMD has required suppliers, distributors, manufacturers to only provide, and that buyers to purchase/use JetA fuel with sulfur content no higher than 0.05%. Compliance is expected.
- Rule 1173 Based on the common practice of Refinery Team, Rule 1173 is not applicable to end users or when dealing with Jet A fuel. This determination was concurred by Senior Manager M. Mills in 2000 as seen in the attached Memo to File dated December 5, 2000. The condition requiring devices D228 to D233 to comply with this rule is, therefore, removed.
- Reg XIII The addition of equipment and the increase of throughput described above will not require additional offset. These changes are not subject to modeling requirements from this regulation because they only involve VOC emissions.
- For this type of equipment/operation, dry-break couplers on the hydrants and hoses and bottom filling are commonly used and are considered BACT. This equipment has /operation has dry-break couplers and fuel has been bottom fed to airplanes. The equipment meets BACT requirements.
- Rule 1401 Tier 3 Risk Analysis was conducted for the proposed changes. The results show that MICR, acute and chronic indexes are well under the thresholds required by this rule. The proposed changes comply with the requirements of this rule.
- Reg XX Not applicable since the changes won't affect RECLAIM pollutant - NOx.
- Reg XXX This is a Title V facility so the requirements of this regulation are applicable.
- This Title V permit revision causes some emission increase. However, it does not increase green house gases to the level which it triggers any green house requirements.
- This Title V permit revision is not an administrative revision as defined by this regulation so it is subject to EPA review. The proposal will be submitted to EPA for their comments.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

ENGINEERING AND COMPLIANCE

APPLICATION PROCESSING AND CALCULATIONS

PAGE 5 OF 5
APPL. NO. See below
PROCESSED BY TT
CHECKED BY
DATE 3/13/2012

Rule 3004(a)(4) The rule requires inspection, monitoring, installing meters and record keeping. The requirements for inspection, monitoring, installing meters and record keeping are the same, except that records are required to maintain for five year. The records keeping time line will be revised accordingly.

DISCUSSIONS:

It has been determined that the equipment in these proposed changes will be operated in compliance with all the applicable Rules and Regulations.

RECOMMENDATIONS:

Issue permits to operate and revise the Facility Permit with:

- Moving device D180 from Section H to Section D
- Addition of devices D228 to D233
- Revising throughput limit of device D128 to 17,306,000 gallons a month and add two hydrants
- Removing requirements of Rule 1173 from devices D228 to D233

as described in the attached "Draft" Section D.

**SCAQMD PERMIT PROCESSING SYSTEM (PPS)
FEE DATA - SUMMARY SHEET**

Application No : 532004
Previous Application No: 481706

IRS/SS No:
Previous Permit No: F97783

Company Name : LA CITY, DEPT OF AIRPORTS
Equipment Street: 275 CENTER WAY , LOS ANGELES CA 90045
Equipment Desc : JET-A FUELING

Facility ID: 800335

Equipment Type : BASIC
B-CAT NO. : 343114
Facility Zone : 03

C-CAT NO: 00
Deemed Compl. Date: 3/1/2012

Fee Charged by: B-CAT
Fee Schedule: D
Public Notice: NO

Evaluation Type : ALTERATION/MODIFICATION (PC)
Disposition : Approve PC, Recommended by Engineer
Lead Appl. No :

Small Business:
Higher Fees for Failing to Obtain a Permit:
Identical Permit Unit:

Air quality Analysis	\$0.00	Filing Fee Paid:	\$0.00
E.I.R	\$0.00	Permit Processing Fee Paid:	\$6,954.87
Health Risk Assessment	\$0.00	Permit Processing Fee Calculated*:	\$4,636.58
Public Notice Preparation Fee	\$0.00	Permit Processing Fee Adjustment:	\$-2,318.29
Public Notice Publication Fee	\$0.00		
Expedited Processing	Hours: 0.00		
	\$2,318.29		
Source Test Review	Hours: 0.00		
	\$0.00		
Time & Material	Hours: 0.00		
	\$0.00		
		Total Additional Fee:	\$2,318.29

		Additional Charge:	\$0.00

COMMENTS:

RECOMMENDED BY: THAI TRAN

DATE: 03/13/2012

REVIEWED BY: _____

DATE: _____

* ADJUSTED FOR SMALL BUSINESS, IDENTICAL EQUIPMENT AND P/O NO P/C PENALTY

Thai Tran

From: WANG, CHAO L. [CWANG@lawa.org]
Sent: Wednesday, March 07, 2012 11:36 AM
To: Thai Tran
Cc: TATRO, SCOTT; Bill.Dennison@CH2M.com; Dugas, L.
Subject: RE: Health Risk Assessment for Terminal 3 A/Ns 532001 and 532004
Attachments: LAWA MEMO Term 3 Risk 022812.pdf; Terminal 3 Fueling Risk 022312.xlsx

Hi Thai:

Thanks for the reminder. Got busy with the AQMD inspection and Amylou is out on maternity leave. Here are the health risk assessments that Bill and his group did on the risk assessment in excel spreadsheet also including the technical memo (it was completed on 2/28 but somehow I was only able to save it as 3/7 in pdf format). Please let me know if you needed anything else.

Thank you very much.

Lin Wang
Environmental Supervisor
Environmental Services Division
Los Angeles World Airports
(424) 646-6481

From: Thai Tran [mailto:TTran@aqmd.gov]
Sent: Wednesday, March 07, 2012 11:07 AM
To: WANG, CHAO L.
Subject: Health Risk Assessment for Terminal 3 A/Ns 532001 and 532004
Importance: High

Hi Lin,

Please be informed that I have not received the risk analysis for Terminal 3 as the result of the throughput-increase at this location. Please submit the analysis as soon as possible so that the permit evaluation process can be continued.
Thanks.

Thai

Risk Evaluation for LAX Terminal 3 Throughput Increase

PREPARED FOR: Lisa Dugas, LAWA

COPY TO: Wang, LAWA
 Hong Zhuang, CH2M HILL
 Joohi Sood, CH2M HILL

PREPARED BY: Bill Dennison, CH2M HILL

DATE: March 7, 2012

PROJECT NUMBER: 408289

Attached is the Tier 3 Risk Screening analysis for expansion of the Terminal 3 fuel hydrant system from the currently-permitted throughput of 7 million gallons per month to approximately 17.3 million gallons per month. As with the earlier analysis conducted for the new hydrant system at TBIT, this assumes submerged filling through the wing filling stations on all aircraft, continuous VOC and toxic emissions from wing vents throughout the area defined by planes at each gate and a range of two wing heights corresponding to smaller passenger aircraft and much larger Boeing 777s. In calculating the toxic emissions, toxic fuel constituents contained in several Jet A Fuel MSDS sheets were used to determine the average across all the MSDS sheets and the maximum values appearing in any of the MSDS sheets. For simplicity, it was assumed that the weight percent in the fuel equaled weight percent in the vapor emitted from the wing vents. Distance to offsite residential receptors was set at 1000 m, based on distance from Terminal 3 to the nearest residential areas north of the airfield. Worker exposure was determined by using the point of maximum impact (PMI) determined by the Screen 3 model. This then assumes that the nearest non-LAWA employee exposure occurs within the airfield.

Following are the results of this analysis showing that worker and residential cancer, chronic and acute risks are below the significance thresholds set in SCAQMD Rule 1401.

Summary of Cancer Risks at PMI for Workers, 1000 m for Offsite Residential Receptors

Modeled Scenario: Release Height of 24 ft

	Worker Risks			Resident Risks		
	Cancer Risk	HIC	HIA	Cancer Risk	HIC	HIA
	at PMI 156 m	at PMI 156 m	at PMI 156 m	at 1000 m	at 1000 m	at 1000 m
Emission Level						
Low	4.99E-08	6.83E-04	1.21E-05	3.10E-08	8.27E-05	1.46E-06
High	2.61E-07	4.05E-03	3.82E-05	1.62E-07	4.91E-04	4.64E-06

Modeled Scenario: Release Height of 12 ft

	Worker Risks			Resident Risks		
	Cancer Risk	HIC	HIA	Cancer Risk	HIC	HIA
	at PMI 126 m	at PMI 126 m	at PMI 126 m	at 1000 m	at 1000 m	at 1000 m
Emission Level						
Low	7.90E-08	1.08E-03	1.91E-05	3.12E-08	8.34E-05	1.47E-06
High	4.13E-07	6.41E-03	6.06E-05	1.63E-07	4.94E-04	4.67E-06

Summary of Cancer Risks at PMI for Workers, 1000 m for Offsite Residential Receptors

Modeled Scenario: Release Height of 24 ft

Emission Level	Worker Risks			Resident Risks		
	Cancer Risk	HIC	HIA	Cancer Risk	HIC	HIA
	at PMI (worst-case), 156 m	at PMI (worst-case), 156 m	at PMI (worst-case), 156 m	at 1000 m	at 1000 m	at 1000 m
Low	4.99E-08	6.83E-04	1.21E-05	3.10E-08	8.27E-05	1.46E-06
High	2.61E-07	4.05E-03	3.82E-05	1.62E-07	4.91E-04	4.64E-06

Modeled Scenario: Release Height of 12 ft

Emission Level	Worker Risks			Resident Risks		
	Cancer Risk	HIC	HIA	Cancer Risk	HIC	HIA
	at PMI (worst-case), 126 m	at PMI (worst-case), 126 m	at PMI (worst-case), 126 m	at 1000 m	at 1000 m	at 1000 m
Low	7.90E-08	1.08E-03	1.91E-05	3.12E-08	8.34E-05	1.47E-06
High	4.13E-07	6.41E-03	6.06E-05	1.63E-07	4.94E-04	4.67E-06

Rule 1401 Analysis - Tier 3 (Release height of 12 ft, high emission rate)

EMISSION SOURCE DETAILS

Source Description:	All Area	
Location:		
Operating Schedule:	24	hours/day
Type of Source	Area	
Source Height	12 ft	3.658 m
Source Area	360 ft X 600 ft	110 m X 183 m
Unit Rate	1 ton/year	1.429E-06 g/s m ²

RECEPTOR DISTANCES:

Receptor type	Distance	
Nearest Sensitive/Residential:	1000 meters	Residents
Nearest Off-Site Worker:	PMI (126 m)	Maximum impacted loc

SCREEN3 Results 1-hr (Unit dispersion factor)

Cancer and Chronic	At sensitive/Res Receptor - max. h	1.842 (ug/m ³)/(ton/yr)
	At Offsite Worker Receptor - max.	23.89 (ug/m ³)/(ton/yr)

Note: The SCREEN3 modeling was performed based on unit emission factors of 1 ton/year for cancer risk analysis.

X/Q Value in Risk Calculation:

Risk Type	Receptor Type	X/Q	Unit
Cancer and Chronic	Sensitive/Res. Receptor:	0.1474	(ug/m ³)/(ton/yr)
	At Off-Site Worker Receptor:	1.9112	(ug/m ³)/(ton/yr)
Acute	Sensitive/Res. Receptor:	8.0680	(ug/m ³)/(lb/hr)
	At Off-Site Worker Receptor:	104.6382	(ug/m ³)/(lb/hr)

Note: A factor of 0.08 was used to convert the maximum hourly concentration to annual average concentration.

MICR CALCULATIONS:

$$\text{MICR} = \text{CP} \times \text{Qtons} \times \text{X/Q} \times \text{AFann} \times \text{MET} \times \text{DBR} \times \text{EVF} \times 10^{-6} \times \text{MP}$$

Annual conc. adj. factor AFann: 1.0
 Nearest AQMD MET Station: King Harbor
 MET Value: 1

For Off-Site Worker Receptor:

Contaminants		CP	Q (tpy)	X/Q	DBR	EVF	MP (w)	MICR
Naphthalene	91-20-3	1.20E-01	2.95E-02	1.91	149	0.38	1.00	3.83E-07
Ethylbenzene	100-41-4	8.70E-03	9.82E-03	1.91	149	0.38	1.00	9.25E-09
Benzene	71-43-2	1.00E-01	1.96E-03	1.91	149	0.38	1.00	2.13E-08
xylene	1330-20-7	NA	1.96E-02	1.91	149	0.38	NA	NA
toluene	108-88-3	NA	4.91E-03	1.91	149	0.38	NA	NA
Total MEIW								4.13E-07

For Sensitive/Res. Receptor:

X/Q	DBR	EVF	MP (r)	MICR
0.15	302	0.96	1.00E+00	1.51E-07
0.15	302	0.96	1.00E+00	3.65E-09
0.15	302	0.96	1.00E+00	8.39E-09
0.15	302	0.96	NA	NA
0.15	302	0.96	NA	NA
Total MEIR				1.63E-07

CHRONIC HAZARD INDEX (HIC) CALCULATIONS:

$$\text{HIC} = [\text{Qyr} \times (\text{X/Q}) \times \text{MET} \times \text{MP}] / \text{Chronic REL}$$

For Off-Site Worker Receptor:

Contaminants		Q (tpy)	X/Q	MET	MP (w)	REL	HIC
Naphthalene	91-20-3	2.95E-02	1.91	1	1.00	9.00E+00	6.26E-03
Ethylbenzene	100-41-4	9.82E-03	1.91	1	1.00	2.00E+03	9.38E-06
Benzene	71-43-2	1.96E-03	1.91	1	1.00	6.00E+01	6.26E-05
xylene	1330-20-7	1.96E-02	1.91	1	1.00	7.00E+02	5.36E-05
toluene	108-88-3	4.91E-03	1.91	1	1.00	3.00E+02	3.13E-05
Total HIC							6.41E-03

**Sensitive/
Residential Receptor**

MP (r)	X/Q	HIC
1.00	0.15	4.82E-04
1.00	0.15	7.24E-07
1.00	0.15	4.82E-06
1.00	0.15	4.13E-06
1.00	0.15	2.41E-06
Total		4.94E-04

ACUTE HAZARD INDEX (HIA) CALCULATIONS:

$$\text{HIA} = ([\text{Qhr} \times (\text{X/Q-hr})] / \text{Acute REL}) \times \text{AF}$$

For Off-Site Worker Receptor:

Contaminants		Qhr	X/Q-hr	REL	Averaging Hour	AF	HIA
Naphthalene	91-20-3	6.73E-03	104.6	NA	NA	NA	NA
Ethylbenzene	100-41-4	2.24E-03	104.6	NA	NA	NA	NA
Benzene	71-43-2	4.48E-04	104.6	1.3E+03	6.00	1	3.61E-05
xylene	1330-20-7	4.48E-03	104.6	2.2E+04	1.00	1	2.13E-05
toluene	108-88-3	1.12E-03	104.6	3.7E+04	1.00	1	3.17E-06
Total HIA							6.06E-05

**Sensitive/
Residential Receptor**

X/Q-hr	HIA
8.07	NA
8.07	NA
8.07	2.78E-06
8.07	1.64E-06
8.07	2.44E-07
Total HIA	4.67E-06

Note: AF value was set to 1.0 for all averaging hours to be conservative

Emission rates

<i>Contaminants</i>	<i>% compound</i>
Naphthalene	3
Ethylbenzene	1
Benzene	0.2
Xylene	2
Toluene	0.5

Existing Throughput (gallons/month)	7,000,000
Modified Throughput (gallons/month)	17,300,000
Throughput increase (gallons/month)	10,300,000
Throughput increase (gallons/year)	123,600,000
VOC emission factor (lb/1000 gallon)	0.01589
VOC Emissions: (lb/year)	1,964.00

Rule 1401 Analysis - Tier 3 (Release height of 12 ft, low emission rate)

EMISSION SOURCE DETAILS

Source Description:	All Area		
Location:			
Operating Schedule:	24	hours/day	
Type of Source	Area		
Source Height	12 ft	3.658 m	
Source Area	360 ft X 600 ft	110 m X 183 m	
Unit Rate	1 ton/year	1.429E-06	g/s m2

RECEPTOR DISTANCES:

Receptor type	Distance	
Nearest Sensitive/Residential:	1000 meters	Residents
Nearest Off-Site Worker:	PMI (126 m)	Maximum impacted loc

SCREEN3 Results 1-hr (Unit dispersion factor)

	At sensitive/Res Receptor - max.	1.842	{ug/m3}/(ton/yr)
Cancer and Chronic	At Offsite Worker Receptor - ma	23.89	{ug/m3}/(ton/yr)

Note: The SCREEN3 modeling was preformed based on unit emission factors of 1 ton/year for cancer risk analysis.

X/Q Value in Risk Calculation:

Risk Type	Receptor Type	X/Q	Unit
Cancer and Chronic	Sensitive/Res. Receptor:	0.1474	{ug/m3}/(ton/yr)
	At Off-Site Worker Receptor:	1.9112	{ug/m3}/(ton/yr)
Acute	Sensitive/Res. Receptor:	8.0680	{ug/m3}/(lb/hr)
	At Off-Site Worker Receptor:	104.6382	{ug/m3}/(lb/hr)

Note: A factor of 0.08 was used to convert the maximum hourly concentration to annual average concentration.

MICR CALCULATIONS:

$$\text{MICR} = \text{CP} \times \text{Qtons} \times \text{X/Q} \times \text{AFann} \times \text{MET} \times \text{DBR} \times \text{EVF} \times 10^{-6} \times \text{MP}$$

Annual conc. adj. factor AFann: 1.0
 Nearest AQMD MET Station: King Harbor
 MET Value: 1

For Off-Site Worker Receptor:

Contaminants		CP	Q (tpy)	X/Q	DBR	EVF	MP (w)	MICR
Naphthalene	91-20-3	1.20E-01	4.91E-03	1.91	149	0.38	1.00	6.38E-08
Ethylbenzene	100-41-4	8.70E-03	4.91E-03	1.91	149	0.38	1.00	4.62E-09
Benzene	71-43-2	1.00E-01	9.82E-04	1.91	149	0.38	1.00	1.06E-08
xylene	1330-20-7	NA	9.82E-04	1.91	149	0.38	NA	NA
toluene	108-88-3	NA	0.00E+00	1.91	149	0.38	NA	NA
Total MEIW								7.90E-08

For Sensitive/Res. Receptor:

X/Q	DBR	EVF	MP (r)	MICR
0.15	302	0.96	1.00E+00	2.52E-08
0.15	302	0.96	1.00E+00	1.82E-09
0.15	302	0.96	1.00E+00	4.20E-09
0.15	302	0.96	NA	NA
0.15	302	0.96	NA	NA
Total MEIR				3.12E-08

CHRONIC HAZARD INDEX (HIC) CALCULATIONS:

$$\text{HIC} = [\text{Qyr} \times (\text{X/Q}) \times \text{MET} \times \text{MP}] / \text{Chronic REL}$$

For Off-Site Worker Receptor:

Contaminants		Q (tpy)	X/Q	MET	MP (w)	REL	HIC
Naphthalene	91-20-3	4.91E-03	1.91	1	1.00	9.00E+00	1.04E-03
Ethylbenzene	100-41-4	4.91E-03	1.91	1	1.00	2.00E+03	4.69E-06
Benzene	71-43-2	9.82E-04	1.91	1	1.00	6.00E+01	3.13E-05
xylene	1330-20-7	9.82E-04	1.91	1	1.00	7.00E+02	2.68E-06
toluene	108-88-3	0.00E+00	1.91	1	1.00	3.00E+02	0.00E+00
Total HIC							1.08E-03

**Sensitive/
Residential Receptor**

MP (r)	X/Q	HIC
1.00	0.15	8.04E-05
1.00	0.15	3.62E-07
1.00	0.15	2.41E-06
1.00	0.15	2.07E-07
1.00	0.15	0.00E+00
Total		8.34E-05

ACUTE HAZARD INDEX (HIA) CALCULATIONS:

$$\text{HIA} = \{[\text{Qhr} \times (\text{X/Q-hr})] / \text{Acute REL}\} \times \text{AF}$$

For Off-Site Worker Receptor:

Contaminants		Qhr	X/Q-hr	REL	Averagin g Hour	AF	HIA
Naphthalene	91-20-3	1.12E-03	104.6	NA	NA	NA	NA
Ethylbenzene	100-41-4	1.12E-03	104.6	NA	NA	NA	NA
Benzene	71-43-2	2.24E-04	104.6	1.3E+03	6.00	1	1.80E-05
xylene	1330-20-7	2.24E-04	104.6	2.2E+04	1.00	1	1.07E-06
toluene	108-88-3	0.00E+00	104.6	3.7E+04	1.00	1	0.00E+00
Total HIA							1.91E-05

**Sensitive/
Residential Receptor**

X/Q-hr	HIA	
8.07	NA	
8.07	NA	
8.07	1.39E-06	
8.07	8.22E-08	
8.07	0.00E+00	
Total HIA		1.47E-06

Note: AF value was set to 1.0 for all averaging hours to be conservative

Emission rates

<i>Contaminants</i>	<i>% compound</i>
Naphthalene	0.5
Ethylbenzene	0.5
Benzene	0.1
Xylene	0.1
Toluene	0

Existing Throughput (gallons/month)	7,000,000
Modified Throughput (gallons/month)	17,300,000
Throughput increase (gallons/month)	10,300,000
Throughput increase (gallons/year)	123,600,000
VOC emission factor (lb/1000 gallon)	0.01589
VOC Emissions: (lb/year)	1,964.00

Rule 1401 Analysis - Tier 3 (Release height of 24 ft, high emission rate)

EMISSION SOURCE DETAILS:

Source Description:	All Area		
Location:			
Operating Schedule:	24	hours/day	
Type of Source	Area		
Source Height	24 ft	7.315 m	
Source Area	360 ft X 600 ft	110 m X 183 m	
Unit Rate	1 ton/year	1.43E-06	g/s m ²

RECEPTOR DISTANCES:

Receptor type	Distance	
Nearest Sensitive/Residential:	1000 m	Resident
Nearest Off-Site Worker:	PMI (156 m)	Maximum impacted location

SCREEN3 Results 1-hr (Unit dispersion factor)

Cancer and Chronic	At sensitive/Res Receptor - max. hou	1.828	(ug/m ³)/(ton/yr)
	At Offsite Worker Receptor - max. h ₀	15.08	(ug/m ³)/(ton/yr)

Note: The SCREEN3 modeling was performed based on unit emission factors of 1 ton/year for cancer risk analysis.

X/Q Value in Risk Calculation:

Risk Type	Receptor Type	X/Q	Unit
Cancer and Chronic	Sensitive/Res. Receptor:	0.1462	(ug/m ³)/(ton/yr)
	At Off-Site Worker Receptor:	1.2064	(ug/m ³)/(ton/yr)
Acute	Sensitive/Res. Receptor:	8.0066	(ug/m ³)/(lb/hr)
	At Off-Site Worker Receptor:	66.0504	(ug/m ³)/(lb/hr)

Note: A factor of 0.08 was used to convert the maximum hourly concentration to annual average concentration.

MICR CALCULATIONS:

$$\text{MICR} = \text{CP} \times \text{Qtons} \times \text{X/Q} \times \text{AFann} \times \text{MET} \times \text{DBR} \times \text{EVF} \times 10^{-6} \times \text{MP}$$

Annual conc. adj. factor AFann: 1.0
 Nearest AQMD MET Station: King Harbor
 MET Value: 1

For Off-Site Worker Receptor:

Contaminants		CP	Q (tpy)	X/Q	DBR	EVF	MP (w)	MICR
Naphthalene	91-20-3	1.20E-01	2.95E-02	1.21	149	0.38	1.00	2.41E-07
Ethylbenzene	100-41-4	8.70E-03	9.82E-03	1.21	149	0.38	1.00	5.84E-09
Benzene	71-43-2	1.00E-01	1.96E-03	1.21	149	0.38	1.00	1.34E-08
xylene	1330-20-7	NA	1.96E-02	1.21	149	0.38	NA	NA
toluene	108-88-3	NA	4.91E-03	1.21	149	0.38	NA	NA
Total MEIW								2.61E-07

For Sensitive/Res. Receptor:

X/Q	DBR	EVF	MP (r)	MICR
0.15	302	0.96	1.00E+00	1.50E-07
0.15	302	0.96	1.00E+00	3.62E-09
0.15	302	0.96	1.00E+00	8.33E-09
0.15	302	0.96	NA	NA
0.15	302	0.96	NA	NA
Total MEIR				1.62E-07

CHRONIC HAZARD INDEX (HIC) CALCULATIONS:

$$\text{HIC} = [\text{Qyr} \times (\text{X/Q}) \times \text{MET} \times \text{MP}] / \text{Chronic REL}$$

For Off-Site Worker Receptor:

Contaminants		Q (tpy)	X/Q	MET	MP (w)	REL	HIC
Naphthalene	91-20-3	2.95E-02	1.21	1	1.00	9.00E+00	3.95E-03
Ethylbenzene	100-41-4	9.82E-03	1.21	1	1.00	2.00E+03	5.92E-06
Benzene	71-43-2	1.96E-03	1.21	1	1.00	6.00E+01	3.95E-05
xylene	1330-20-7	1.96E-02	1.21	1	1.00	7.00E+02	3.38E-05
toluene	108-88-3	4.91E-03	1.21	1	1.00	3.00E+02	1.97E-05
Total HIC							4.05E-03

**Sensitive/
Residential Receptor**

MP (r)	X/Q	HIC
1.00	0.15	4.79E-04
1.00	0.15	7.18E-07
1.00	0.15	4.79E-06
1.00	0.15	4.10E-06
1.00	0.15	2.39E-06
Total		4.91E-04

ACUTE HAZARD INDEX (HIA) CALCULATIONS:

$$\text{HIA} = \{[\text{Qhr} \times (\text{X/Q-hr})] / \text{Acute REL}\} \times \text{AF}$$

For Off-Site Worker Receptor:

Contaminants		Qhr	X/Q-hr	REL	Averaging Hour	AF	HIA
Naphthalene	91-20-3	6.73E-03	66.1	NA	NA	NA	NA
Ethylbenzene	100-41-4	2.24E-03	66.1	NA	NA	NA	NA
Benzene	71-43-2	4.48E-04	66.1	1.3E+03	6.00	1	2.28E-05
xylene	1330-20-7	4.48E-03	66.1	2.2E+04	1.00	1	1.35E-05
toluene	108-88-3	1.12E-03	66.1	3.7E+04	1.00	1	2.00E-06
Total HIA							3.82E-05

**Sensitive/
Residential Receptor**

X/Q-hr	HIA
8.01	NA
8.01	NA
8.01	2.76E-06
8.01	1.63E-06
8.01	2.43E-07
Total HIA	4.64E-06

Note: AF value was set to 1.0 for all averaging hours to be conservative

Emission rates

Contaminants	% compound
Naphthalene	3
Ethylbenzene	1
Benzene	0.2
Xylene	2
Toluene	0.5

Existing Throughput (gallons/month)	7,000,000
Modified Throughput (gallons/month)	17,300,000
Throughput increase (gallons/month)	10,300,000
Throughput increase (gallons/year)	123,600,000
VOC emission factor (lb/1000 gallon)	0.01589
VOC Emissions: (lb/year)	1,964.00 lb/year

Rule 1401 Analysis - Tier 3 (Release height of 24 ft, low emission rate)

EMISSION SOURCE DETAILS

Source Description:	All Area		
Location:			
Operating Schedule:	24	<i>hours/day</i>	
Type of Source	Area		
Source Height	24 ft	7.315 m	
Source Area	360 ft X 600 ft	110 m X 183 m	
Unit Rate	1 ton/year	1.43E-06	<i>g/s m2</i>

RECEPTOR DISTANCES:

Receptor type	Distance	
Nearest Sensitive/Residential:	1000 m	<i>resident</i>
Nearest Off-Site Worker:	PMI (156 m)	<i>Maximum impacted location</i>

SCREEN3 Results 1-hr (Unit dispersion factor)

Cancer and Chronic	At sensitive/Res Receptor - max. hc	1.828	<i>(ug/m3)/(ton/yr)</i>
	At Offsite Worker Receptor - max. h	15.08	<i>(ug/m3)/(ton/yr)</i>

Note: The SCREEN3 modeling was performed based on unit emission factors of 1 ton/year for cancer risk analysis.

X/Q Value in Risk Calculation:

Risk Type	Receptor Type	X/Q	Unit
Cancer and Chronic	Sensitive/Res. Receptor:	0.1462	<i>(ug/m3)/(ton/yr)</i>
	At Off-Site Worker Receptor:	1.2064	<i>(ug/m3)/(ton/yr)</i>
Acute	Sensitive/Res. Receptor:	8.0066	<i>(ug/m3)/(lb/hr)</i>
	At Off-Site Worker Receptor:	66.0504	<i>(ug/m3)/(lb/hr)</i>

Note: A factor of 0.08 was used to convert the maximum hourly concentration to annual average concentration.

MICR CALCULATIONS:

$$\text{MICR} = \text{CP} \times \text{Qtons} \times \text{X/Q} \times \text{AFann} \times \text{MET} \times \text{DBR} \times \text{EVF} \times 10^{-6} \times \text{MP}$$

Annual conc. adj. factor AFann: 1.0
 Nearest AQMD MET Station: King Harbor
 MET Value: 1

For Off-Site Worker Receptor:

Contaminants		CP	Q (tpy)	X/Q	DBR	EVF	MP (w)	MICR
Naphthalene	91-20-3	1.20E-01	4.91E-03	1.21	149	0.38	1.00	4.02E-08
Ethylbenzene	100-41-4	8.70E-03	4.91E-03	1.21	149	0.38	1.00	2.92E-09
Benzene	71-43-2	1.00E-01	9.82E-04	1.21	149	0.38	1.00	6.71E-09
xylene	1330-20-7	NA	9.82E-04	1.21	149	0.38	NA	NA
toluene	108-88-3	NA	0.00E+00	1.21	149	0.38	NA	NA
Total MEIW								4.99E-08

For Sensitive/Res. Receptor:

X/Q	DBR	EVF	MP (r)
0.15	302	0.96	1.00E+00
0.15	302	0.96	1.00E+00
0.15	302	0.96	1.00E+00
0.15	302	0.96	NA
0.15	302	0.96	NA
Total MEIR			NA

CHRONIC HAZARD INDEX (HIC) CALCULATIONS:

$$\text{HIC} = [\text{Qyr} \times (\text{X/Q}) \times \text{MET} \times \text{MP}] / \text{Chronic REL}$$

For Off-Site Worker Receptor:

Contaminants		Q (tpy)	X/Q	MET	MP (w)	REL	HIC
Naphthalene	91-20-3	4.91E-03	1.21	1	1.00	9.00E+00	6.58E-04
Ethylbenzene	100-41-4	4.91E-03	1.21	1	1.00	2.00E+03	2.96E-06
Benzene	71-43-2	9.82E-04	1.21	1	1.00	6.00E+01	1.97E-05
xylene	1330-20-7	9.82E-04	1.21	1	1.00	7.00E+02	1.69E-06
toluene	108-88-3	0.00E+00	1.21	1	1.00	3.00E+02	0.00E+00
Total HIC							6.83E-04

**Sensitive/
Residential Receptor**

MP (r)	X/Q	HIC
1.00	0.15	7.98E-05
1.00	0.15	3.59E-07
1.00	0.15	2.39E-06
1.00	0.15	2.05E-07
1.00	0.15	0.00E+00
Total		8.27E-05

ACUTE HAZARD INDEX (HIA) CALCULATIONS:

$$\text{HIA} = \{[\text{Qhr} \times (\text{X/Q-hr})] / \text{Acute REL}\} \times \text{AF}$$

For Off-Site Worker Receptor:

Contaminants		Qhr	X/Q-hr	REL	Averaging Hour	AF	HIA
Naphthalene	91-20-3	1.12E-03	66.1	NA	NA	NA	NA
Ethylbenzene	100-41-4	1.12E-03	66.1	NA	NA	NA	NA
Benzene	71-43-2	2.24E-04	66.1	1.3E+03	6.00	1	1.14E-05
xylene	1330-20-7	2.24E-04	66.1	2.2E+04	1.00	1	6.73E-07
toluene	108-88-3	0.00E+00	66.1	3.7E+04	1.00	1	0.00E+00
Total HIA							1.21E-05

**Sensitive/
Residential Receptor**

X/Q-hr	HIA	
8.01	NA	
8.01	NA	
8.01	1.38E-06	
8.01	8.16E-08	
8.01	0.00E+00	
Total HIA		1.46E-06

Note: AF value was set to 1.0 for all averaging hours to be conservative

Emission rates

<i>Contaminants</i>	<i>% compound</i>
Naphthalene	0.5
Ethylbenzene	0.5
Benzene	0.1
Xylene	0.1
Toluene	0

Existing Throughput (gallons/month)	7,000,000
Modified Throughput (gallons/month)	17,300,000
Throughput increase (gallons/month)	10,300,000
Throughput increase (gallons/year)	123,600,000
VOC emission factor (lb/1000 gallon)	0.01589
VOC Emissions: (lb/year)	1,964.00 lb/year

<i>MICR</i>
2.50E-08
1.81E-09
4.16E-09
NA
NA
3.10E-08

02/20/12

14:41:44

*** SCREEN3 MODEL RUN ***

*** VERSION DATED 96043 ***

LAWA fueling modeling Feb2012 12ft

SIMPLE TERRAIN INPUTS:

SOURCE TYPE = AREA
EMISSION RATE (G/(S-M**2)) = .142900E-05
SOURCE HEIGHT (M) = 3.6580
LENGTH OF LARGER SIDE (M) = 183.0000
LENGTH OF SMALLER SIDE (M) = 110.0000
RECEPTOR HEIGHT (M) = .0000
URBAN/RURAL OPTION = URBAN

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.

THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.

MODEL ESTIMATES DIRECTION TO MAX CONCENTRATION

BUOY. FLUX = .000 M**4/S**3; MOM. FLUX = .000 M**4/S**2.

*** FULL METEOROLOGY ***

*** SCREEN AUTOMATED DISTANCES ***

*** TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

DIST (M)	CONC (UG/M**3)	U10M STAB	USTK (M/S)	MIX HT (M/S)	PLUME HT (M)	MAX DIR (DEG)
-------------	-------------------	--------------	---------------	-----------------	-----------------	------------------

1.	12.88	5	1.0	1.0	10000.0	3.66 27.
100.	22.52	5	1.0	1.0	10000.0	3.66 20.
200.	15.60	5	1.0	1.0	10000.0	3.66 24.
300.	9.760	5	1.0	1.0	10000.0	3.66 10.
400.	6.850	5	1.0	1.0	10000.0	3.66 0.
500.	5.057	5	1.0	1.0	10000.0	3.66 0.
600.	3.899	5	1.0	1.0	10000.0	3.66 0.
700.	3.114	5	1.0	1.0	10000.0	3.66 0.
800.	2.558	5	1.0	1.0	10000.0	3.66 0.
900.	2.151	5	1.0	1.0	10000.0	3.66 0.
1000.	1.842	5	1.0	1.0	10000.0	3.66 2.
1100.	1.602	5	1.0	1.0	10000.0	3.66 0.
1200.	1.412	5	1.0	1.0	10000.0	3.66 0.

1300.	1.257	5	1.0	1.0	10000.0	3.66	0.
1400.	1.130	5	1.0	1.0	10000.0	3.66	3.
1500.	1.024	5	1.0	1.0	10000.0	3.66	1.
1600.	.9353	5	1.0	1.0	10000.0	3.66	1.
1700.	.8585	5	1.0	1.0	10000.0	3.66	1.
1800.	.7923	5	1.0	1.0	10000.0	3.66	3.
1900.	.7348	5	1.0	1.0	10000.0	3.66	4.
2000.	.6846	5	1.0	1.0	10000.0	3.66	4.

MAXIMUM 1-HR CONCENTRATION AT OR BEYOND 1. M:

126.	23.89	5	1.0	1.0	10000.0	3.66	29.
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 *** SUMMARY OF SCREEN MODEL RESULTS ***

CALCULATION PROCEDURE	MAX CONC (UG/M**3)	DIST TO MAX (M)	TERRAIN HT (M)
--------------------------	-----------------------	--------------------	-------------------

SIMPLE TERRAIN	23.89	126.	0.
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 ** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **

02/20/12

14:54:39

*** SCREEN3 MODEL RUN ***

*** VERSION DATED 96043 ***

LAWA Fueling modeling Feb2012 24ft

SIMPLE TERRAIN INPUTS:

SOURCE TYPE = AREA
EMISSION RATE (G/(S-M**2)) = .142900E-05
SOURCE HEIGHT (M) = 7.3150
LENGTH OF LARGER SIDE (M) = 183.0000
LENGTH OF SMALLER SIDE (M) = 110.0000
RECEPTOR HEIGHT (M) = .0000
URBAN/RURAL OPTION = URBAN

THE REGULATORY (DEFAULT) MIXING HEIGHT OPTION WAS SELECTED.

THE REGULATORY (DEFAULT) ANEMOMETER HEIGHT OF 10.0 METERS WAS ENTERED.

MODEL ESTIMATES DIRECTION TO MAX CONCENTRATION

BUOY. FLUX = .000 M**4/S**3; MOM. FLUX = .000 M**4/S**2.

*** FULL METEOROLOGY ***

*** SCREEN AUTOMATED DISTANCES ***

*** TERRAIN HEIGHT OF 0. M ABOVE STACK BASE USED FOR FOLLOWING DISTANCES ***

DIST (M)	CONC (UG/M**3)	U10M STAB	USTK (M/S)	MIX HT (M/S)	PLUME HT (M)	MAX DIR (DEG)
-------------	-------------------	--------------	---------------	-----------------	-----------------	------------------

1.	6.121	4	1.0	1.0	320.0	7.32	24.
100.	12.47	5	1.0	1.0	10000.0	7.32	19.
200.	13.43	5	1.0	1.0	10000.0	7.32	24.
300.	9.209	5	1.0	1.0	10000.0	7.32	7.
400.	6.622	5	1.0	1.0	10000.0	7.32	0.
500.	4.942	5	1.0	1.0	10000.0	7.32	0.
600.	3.833	5	1.0	1.0	10000.0	7.32	0.
700.	3.072	5	1.0	1.0	10000.0	7.32	0.
800.	2.531	5	1.0	1.0	10000.0	7.32	0.
900.	2.131	5	1.0	1.0	10000.0	7.32	0.
1000.	1.828	5	1.0	1.0	10000.0	7.32	2.
1100.	1.591	5	1.0	1.0	10000.0	7.32	0.
1200.	1.403	5	1.0	1.0	10000.0	7.32	0.

1300.	1.250	5	1.0	1.0	10000.0	7.32	0.
1400.	1.124	5	1.0	1.0	10000.0	7.32	3.
1500.	1.020	5	1.0	1.0	10000.0	7.32	1.
1600.	.9314	5	1.0	1.0	10000.0	7.32	1.
1700.	.8552	5	1.0	1.0	10000.0	7.32	1.
1800.	.7894	5	1.0	1.0	10000.0	7.32	3.
1900.	.7324	5	1.0	1.0	10000.0	7.32	4.
2000.	.6825	5	1.0	1.0	10000.0	7.32	4.

MAXIMUM 1-HR CONCENTRATION AT OR BEYOND 1. M:

156. 15.08 5 1.0 1.0 10000.0 7.32 28.

 *** SUMMARY OF SCREEN MODEL RESULTS ***

CALCULATION PROCEDURE	MAX CONC (UG/M**3)	DIST TO MAX (M)	TERRAIN HT (M)
--------------------------	-----------------------	--------------------	-------------------

SIMPLE TERRAIN	15.08	156.	0.
----------------	-------	------	----

 ** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **



Los Angeles
World Airports

May 3, 2011

Mr. Thai Tran
SCAQMD
21865 E. Copley Drive
Diamond Bar, CA 91765-4182

Subject: Request to Inactivate Permit to Operate D117 and D118, Facility ID:
800335

LAX

LA/Ontario

Van Nuys

City of Los Angeles

Antonio R. Villaraigosa
Mayor

Board of Airport
Commissioners

Michael A. Lawson
President

Valeria C. Velasco
Vice President

Joseph A. Aredas
Boyd Hight
Fernando M. Torres-Gil
Walter Zifkin

Gina Marie Lindsey
Executive Director

Dear Mr. Tran:

Please inactivate and remove the Permit to Operate for the following salvaged equipment from L.A. City, Department of Airports' Title V Permit. In 2005, Los Angeles World Airports took over the Permit to Operate for two boilers located at 6901 Imperial Hwy, Los Angeles, CA. The equipment has been labeled "out of service" and mothballed since that time. A new tenant has recently taken over the lease for the building at this address, and had no use for the boilers. Consequently, the boilers were salvaged and removed from the premise in February, 2011.

Description of equipment:

1. D117 Boiler No.1 Natural gas York Shipley Model 560-SPLV-100N, 4.2 mmbtu/hr A/N: 449404.
2. D118 Boiler No.2 Natural gas York Shipley Model 560-SPLV-100N, 4.2 mmbtu/hr A/N: 449403.

Thank you for your prompt attention in this matter. Please direct any questions to Lin Wang at (424) 646-6481.

Sincerely,

Robert Freeman
Airport Environmental Manager II

Attachments : Form 200-C

RF:ST:CLW:cs

cc: M. Feldman
J. Smith

R. Morones
H. Phan

R. Connolly
B. Pendleton

K:\ENVMGT\2011\011095CLWPCDOCS #158109 v2





South Coast Air Quality Management District

Form 200-C

Request To Inactivate A Permit To Operate

Mail To:
SCAQMD - Permit Services
P.O. Box 4944
Diamond Bar, CA 91765-0944

Tel: (909) 396-3385
www.aqmd.gov

Section A - Permit Information

1. Facility Name (Business Name of Operator As It Appears On The Permit): L.A. City, Department of Airports

2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 800335

3. Permit Number: D118

4. Date Issued: 02/18/2011

5. Equipment Description: BOILER NO. 2 SERIAL NO. 8817421, NG, YORK SHIPLEY MODEL 560-SPLV-100N A/N449403

Section B - Equipment Location Address

6. Fixed Location Various Location
(For equipment operated at various locations, provide address of initial site.)

6901 Imperial Hwy
Street Address

Los Angeles, CA 90045
City State Zip

Lin Wang Env. Supervisor II
Contact Name Title

(424) 646-6481 (424) 646-9260
Phone # Ext. Fax #

cwang@lawa.org
E-Mail

Section C - Permit Mailing Address

7. Permit and Correspondence Information:
 Check here if same as equipment location address

7301 World Way West, 3rd fl (Env. Services Divison)
Address

Los Angeles, CA 90045
City State Zip

Lin Wang Env. Supervisor II
Contact Name Title

(424) 646-6481 (424) 646-9260
Phone # Ext. Fax #

cwang@lawa.org
E-Mail

Section D - Reason for Inactivation

8. Cancellation of the Permit to Operate described above is hereby requested for the following reason(s):

Equipment Sold Destroyed or Removed from site. Effective Date: 02/15/2011

Equipment was replaced. New Permit Number: _____

Equipment will no longer be operated. Date Operation Ended: _____

Equipment is exempt from permit requirements by AQMD Rule 219. Indicate Rule Section: _____

Business & Equipment Sold. Effective Date: _____

Name and Address of new owner:
Name: _____
Address: _____
Contact: _____ Phone #: _____

Other (explain): _____

It is understood that any future use of this equipment may require a new permit application in accordance with the laws then in effect.

Section E - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application is true and correct.

9. Signature of Responsible Official: 	10. Title of Responsible Official: <u>Airport Environmental Manager II</u>
11. Print Name of Responsible Official: <u>Robert Freeman</u>	12. Date: <u>5/3/11</u>
13. Phone #: <u>(424) 646-6474</u>	14. Fax #: <u>(424) 646-9260</u>

15. Signature of AQMD Inspector (Optional):	16. Date:
17. Print Name:	18. Phone #:



South Coast Air Quality Management District

Form 200-C

Request To Inactivate A Permit To Operate

Mail To:
SCAQMD - Permit Services
P.O. Box 4944
Diamond Bar, CA 91765-0944

Tel: (909) 396-3385
www.aqmd.gov

Section A - Permit Information

1. Facility Name (Business Name of Operator As It Appears On The Permit): L.A. City, Department of Airports

2. Valid AQMD Facility ID (Available On Permit Or Invoice Issued By AQMD): 800335

3. Permit Number: D117

4. Date Issued: 02/18/2011

5. Equipment Description: BOILER NO. 1 SERIAL NO. 8716694, NG, YORK SHIPLEY MODEL 560-SPLV-100N A/N449404

Section B - Equipment Location Address

6. Fixed Location Various Location
(For equipment operated at various locations, provide address of initial site.)

6901 Imperial Hwy
Street Address

Los Angeles, CA 90045
City State Zip

Lin Wang Env. Supervisor II
Contact Name Title

(424) 646-6481 (424) 646-9260
Phone # Ext. Fax #

cwang@lawa.org
E-Mail

Section C - Permit Mailing Address

7. Permit and Correspondence Information:
 Check here if same as equipment location address

7301 World Way West, 3rd fl (Env. Services Division)
Address

Los Angeles, CA 90045
City State Zip

Lin Wang Env. Supervisor II
Contact Name Title

(424) 646-6481 (424) 646-9260
Phone # Ext. Fax #

cwang@lawa.org
E-Mail

Section D - Reason for Inactivation

8. Cancellation of the Permit to Operate described above is hereby requested for the following reason(s):

Equipment Sold Destroyed or Removed from site. Effective Date: 02/15/2011

Equipment was replaced. New Permit Number: _____

Equipment will no longer be operated. Date Operation Ended: _____

Equipment is exempt from permit requirements by AQMD Rule 219. Indicate Rule Section: _____

Business & Equipment Sold. Effective Date: _____

Name and Address of new owner:

Name: _____

Address: _____

Contact: _____ Phone #: _____

Other (explain): _____

It is understood that any future use of this equipment may require a new permit application in accordance with the laws then in effect.

Section E - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application is true and correct.

9. Signature of Responsible Official: 

10. Title of Responsible Official: Airport Environmental Manager II

11. Print Name of Responsible Official: Robert Freeman

12. Date: 5/3/11

13. Phone #: (424) 646-6474

14. Fax #: (424) 646-9260

15. Signature of AQMD Inspector (Optional): _____

16. Date: _____

17. Print Name: _____

18. Phone #: _____

AQMD
USE
ONLY