South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

November 30, 2012

Mr. Jeff Plant
Managing Director, LAX
American Airlines, Inc.
7260 World Way West
Los Angeles, CA 90045

SUBJECT: RECLAIM/Title V Facility Permit Revision (Facility ID: 800196)

Dear Mr. Plant:

Please find attached the revised Title Page, Table of Contents, and Section D of your RECLAIM/Title V Facility Permit. The revised sections reflect the approval of the significant permit revision requested in your Application No. 539711, installation of an engine (D158) driving an emergency generator, with a diesel particulate filter (D159). The proposed permit revision was noticed in the Los Angeles Daily Journal and also submitted to EPA for 45-day review on September 21, 2012. No comments were received by the public or EPA.

Please review the attachment carefully. Insert the enclosed sections into your RECLAIM/Title V Facility Permit and discard the earlier version. Questions concerning the changes to your permit should be directed to Mr. Thai Tran at (909) 396-2562.

Sincerely,

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

BLY:DR:TT

Enclosure

cc: Gerardo Rios, EPA Region IX

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765

FACILITY PERMIT TO OPERATE

AMERICAN AIRLINES INC (EIS USE)
7260 WORLD WAY WEST
LOS ANGELES, CA 90045

NOTICE

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

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

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

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FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

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 1: ICE, EMERGENCY					
System 1: GENERATION OF MECHANICAL POWER					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, S/N 690632-3, DIESEL FUEL, CUMMINS, MODEL VT1710-635, WITH TURBOCHARGER, 435 HP A/N: 284370	D1		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.9, D12.1, D90.1, D323.1, K67.10
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, S/N 690359-3, DIESEL FUEL, CUMMINS, MODEL VT1710-635, WITH TURBOCHARGER, 435 HP A/N: 284371	D2		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.9, D12.1, D90.1, D323.1, K67.10
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, S/N 690538-3, DIESEL FUEL, CUMMINS, MODEL VT1710-635, WITH TURBOCHARGER, 435 HP A/N: 284372	D3		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.9, D12.1, D90.1, D323.1, K67.10
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, S/N 690360-3, DIESEL FUEL, CUMMINS, MODEL VT1710-635, WITH TURBOCHARGER, 435 HP A/N: 284373	D4		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.9, D12.1, D90.1, D323.1, K67.10
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, S/N 707055-3, DIESEL FUEL, CUMMINS, MODEL VT1710-635, WITH TURBOCHARGER, 435 HP A/N: 284374	D5		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.9, D12.1, D90.1, D323.1, K67.10

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

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: ICE, EMERGENCY					
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, S/N 707056-3, DIESEL FUEL, CUMMINS, MODEL VT1710-635, WITH TURBOCHARGER, 435 HP A/N: 284375	D6		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.9, D12.1, D90.1, D323.1, K67.10
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, S/N 707057-3, DIESEL FUEL, CUMMINS, MODEL VT1710-635, WITH TURBOCHARGER, 435 HP A/N: 284376	D7		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.9, D12.1, D90.1, D323.1, K67.10
INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE, S/N 674875, DIESEL FUEL, CUMMINS, MODEL H-6-1F, WITH TURBOCHARGER, 220 HP A/N: 514237	D8		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.9, D12.1, D90.1, D323.1, K67.10
System 2: GENERATION OF ELECTRICAL POWER					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, GASOLINE, INTERNATIONAL HARVESTER CO., MODEL C-200, RICH BURN, 74 BHP A/N: 415635	D135		NOX: PROCESS UNIT**	**NOX**: 102 LBS/1000 GAL GASOLINE (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, D12.1, D90.1
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, 7195, DIESEL FUEL, DETROIT, MODEL 3-71, NATURALLY ASPIRATED, SERIAL NO. 3A0079061, 106 BHP A/N: 408671	D126		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.10, D12.1, D90.1, D323.1, K67.9

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

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: ICE, EMERGENCY					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, 8595, DIESEL FUEL, JOHN DEERE, MODEL CD36559T, SERIAL NO. 693785, WITH TURBOCHARGER, 114 BHP A/N: 408672	D127		NOX: PROCESS UNIT**	**NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.1, C1.10, D12.1, D90.1, D323.1, K67.9
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL 6CTA8.36, SERIAL NO. E990906329, WITH AFTERCOOLER, TURBOCHARGER, 277 HP A/N: 361519	D133		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 1303(a)(1)-BACT, 5-10-1996]**; **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, C1.10, D12.1, D90.1, D323.1, K67.9

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Process 1: ICE, EMERGENCY					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CATERPILLAR, MODEL 3516C-HD, 3634 BHP WITH A/N: 539710	D158			**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, 5-4-2012; **RULE 2005, 6-3-2011; 40CFR 63 Subpart IIIII, 12-22-2006**]; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2005, 6-3-2011]**; **NOX + ROG**: 4.8 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1) -BACT, 12-6-2002;* RULE 1470, 5-4-2012; **RULE 2005, 6-3-2011; 40CFR 60 Subpart IIII, 6-28-2011]**; **PM**: 0.023 GRAM/BHP-HR DIESEL (4) **[RULE 1303(a)(1)-BACT, 5-10-1996;** *RULE 1303(a)(1) -BACT, 12-6-2002;* RULE 1470, 5-4-2012; **RULE 2005, 6-3-2011; 40CFR 60 Subpart IIII, 6-28-2011]**	C1.4, C1.14, D12.1, E57.1, E448.2, E448.3, H23.10, I297.1, K67.15
FILTER, DIESEL PARTICULATE, RYPOS, MODEL ADPF-7,-8	C159				E448.1
Process 2: ICE, NON-EMERGENCY					
System 1: AIR START UNIT					
TURBINE, PORTABLE AIRCRAFT START UP, DIESEL FUEL, GARRET RESEARCH, MODEL GPU 85/90, ID NO. 1460, 4.29 MMBTU/HR A/N: 463994	D121		NOX: PROCESS UNIT**	**CO**: 2000 PPMV (5) **[RULE 407, 4-2-1982]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**; **SOX**: 500 PPMV (5) **[RULE 407, 4-2-1982]**	D323.1

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(9) See App B for Emission Limits
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FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2: ICE, NON-EMERGENCY					
TURBINE, PORTABLE AIRCRAFT START UP, DIESEL FUEL, GARRET RESEARCH, MODEL GPU 85/90, ID NO. 1674, 4.29 MMBTU/HR A/N: 463995	D122		NOX: PROCESS UNIT**	**CO**: 2000 PPMV (5) **[RULE 407, 4-2-1982]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**; **SOX**: 500 PPMV (5) **[RULE 407, 4-2-1982]**	D323.1
TURBINE, PORTABLE AIRCRAFT START UP, DIESEL FUEL, GARRET RESEARCH, MODEL GPU 85/90, ID NO. 4110, 4.29 MMBTU/HR A/N: 463997	D123		NOX: PROCESS UNIT**	**CO**: 2000 PPMV (5) **[RULE 407, 4-2-1982]**; **NOX**: 469 LBS/1000 GAL DIESEL (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**; **SOX**: 500 PPMV (5) **[RULE 407, 4-2-1982]**	D323.1
INTERNAL COMBUSTION ENGINE, AIR START UNIT NO. 20141, PORTABLE, DIESEL FUEL, DETROIT DIESEL, MODEL 8063-7433, WITH AFTERCOOLER, TURBOCHARGER, 380 BHP A/N: 408675	D131		NOX: PROCESS UNIT**	**CO**: 8.5 GRAM/BHP-HR DIESEL (8) ; **CO**: 2000 PPMV (5) **[RULE 407, 4-2-1982]**; **NOX**: 6.9 GRAM/BHP-HR DIESEL (8) ; **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 DIESEL (8) ; **SOX**: 500 PPMV (5) **[RULE 407, 4-2-1982]**; **VOC**: 1 GRAM/BHP-HR DIESEL (8)	C1.3, D12.1, D323.1, E71.1, H23.5, K67.6

* (1) (1A) (1B) Denotes RECLAIM emission factor
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(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 2: ICE, NON-EMERGENCY					
INTERNAL COMBUSTION ENGINE, AIR START UNIT NO. 20143, PORTABLE, DIESEL FUEL, DETROIT DIESEL, MODEL 8063-7433, WITH AFTERCOOLER, TURBOCHARGER, 380 BHP A/N: 408676	D132		NOX: PROCESS UNIT**	**CO**: 8.5 GRAM/BHP-HR DIESEL (8) ; **CO**: 2000 PPMV (5) **[RULE 407, 4-2-1982]**; **NOX**: 6.9 GRAM/BHP-HR DIESEL (8) ; **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 DIESEL (8) ; **SOX**: 500 PPMV (5) **[RULE 407, 4-2-1982]**; **VOC**: 1 GRAM/BHP-HR DIESEL (8)	C1.3, D12.1, D323.1, E71.1, H23.5, K67.6
Process 3: FUELING					
System 1: ORGANIC LIQUID RECEIVING, STORAGE, AND DISTRIBUTION, UNDERGROUND					
BULK MATERIAL LOADING STATION, SATELLITE NO.4 AND HANGER APRON, W/ 26 HYDRANT FUELING, 26 SHUT-OFF,, 4 PRIMARY ISOLATION, & 13 SECONDARY ISOLATION VALVES, JET-A FUEL WITH A/N: 312990	D154				C1.13, H23.8, K67.13, K67.14, L96.1
FUGITIVE EMISSIONS, VALVES	D155				
System 2: ORGANIC LIQUID RECEIVING, STORAGE, AND DISTRIBUTION, ABOVEGROUND					

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(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: FUELING					
BULK LOADING/UNLOADING RACK, 1 POSITION TK TRUCK LOADING, GASOLINE, W/ 1 GASOLINE BOTTOM LOADING HOSE & 1 VAPOR RECOVERY HOSE, BOTH W/ DRY COUPLER, 1 TOTAL A/N: 503183	D151				C1.11, D330.1, E71.4, E193.1, H23.7, H23.9, J109.1, J110.1, J373.2
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, GASOLINE, G-70-187, WITH VAPOR LOCK BALANCE RECOVERY SYSTEM, 1 TOTAL A/N: 503183	D152				C1.12, D330.1, E193.1, H23.7, J110.1, J373.2
STORAGE TANK, FIXED ROOF, GASOLINE, G-70-162-A, 12000 GALS A/N: 503183	D153				D330.1, E193.1, H23.7, J109.1, J373.2
Process 4: COATING					
System 1: MOTOR VEHICLE AND MOBILE EQUIPMENT NON-ASSEMBLY LINE COATING					
SPRAY COATING OPERATION, AUTOMOTIVE, 10 HP FAN, 19 FT W. X 15 FT H. X 40 FT D., WITH SPRAY BOOTH A/N: 415641	D140			**PM**: (9) [**RULE 404, 2-7-1986**]; **ROG**: (9) [**RULE 1107, 11-9-2001;** *RULE 1107, 1-6-2006;* **RULE 1124, 9-21-2001; RULE 1151, 12-11-1998;** *RULE 1151, 12-2-2005;* RULE 1168, 1-7-2005; **RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	C6.1, D12.2, D322.1, E175.1, H23.1, K67.3, K67.4, K67.8

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 4: COATING					
SPRAY COATING OPERATION, BINKS, 1-1/2 HP EXHAUST FAN, 10 FT W. X 8 FT H. X 10 FT D., WITH SPRAY BOOTH A/N: 415642	D141			**PM**: (9) **[RULE 404, 2-7-1986]**; **ROG**: (9) **[RULE 1107, 11-9-2001;** *RULE 1107, 1-6-2006;* **RULE 1124, 9-21-2001; RULE 1151, 12-11-1998;** *RULE 1151, 12-2-2005;* RULE 1168, 1-7-2005; **RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	C1.8, C6.1, D12.2, D322.1, E175.1, H23.1, K67.3, K67.4, K67.8
SPRAY COATING OPERATION, BINKS, FILTER TYPE, WITH SPRAY BOOTH A/N: A61114	D23			**PM**: (9) **[RULE 404, 2-7-1986]**; **ROG**: (9) **[RULE 1151, 12-11-1998;** *RULE 1151, 12-2-2005;* **RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	B27.1, C6.1, D12.2, D322.1, E175.1, H23.1, K67.3, K67.4, K67.8
System 2: COATING OF METAL PARTS AND PRODUCTS					
SPRAY COATING OPERATION, CUSTOM, FILTER-FLOOR TYPE, WITH SPRAY BOOTH A/N: C27913	D26			**PM**: (9) **[RULE 404, 2-7-1986]**; **ROG**: (9) **[RULE 1107, 11-9-2001;** *RULE 1107, 1-6-2006;* **RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	B27.1, C1.2, C6.1, D12.2, D322.1, E175.1, H23.1, K67.3, K67.4, K67.8
Process 5: GENERATION OF THERMAL POWER					
System 2: BOILER					
BOILER, NO. 1, NATURAL GAS, CYCLOTHERM, MODEL CW-70, 6.695 MMBTU/HR A/N: 415636	D136		NOX: PROCESS UNIT**	**CO**: 400 PPMV NATURAL GAS (5) **[RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **NOX**: 47.75 LBS/MMSCF NATURAL GAS (1) **[RULE 2012, 5-6-2005]**; **PM**: (9) **[RULE 404, 2-7-1986]**	C1.5, D12.4, E71.2, 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
AMERICAN AIRLINES INC (EIS USE)

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 5: GENERATION OF THERMAL POWER					
BOILER, NO. 2, NATURAL GAS, CYCLOTHERM, MODEL CW-70, 6.695 MMBTU/HR A/N: 415638	D137		NOX: PROCESS UNIT**	**CO**: 400 PPMV NATURAL GAS (5) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **NOX**: 47.75 LBS/MMSCF NATURAL GAS (1) [**RULE 2012, 5-6-2005**]; **PM**: (9) [**RULE 404, 2-7-1986**]	C1.5, D12.4, E71.2, K67.12
BOILER, NO. 3, NATURAL GAS, KEWANEE, MODEL L3W-300-002, 12.55 MMBTU/HR A/N: 415639	D138		NOX: PROCESS UNIT**	**CO**: 400 PPMV NATURAL GAS (5) [**RULE 1146, 11-17-2000;** *RULE 1146, 9-5-2008*]; **NOX**: 47.75 LBS/MMSCF NATURAL GAS (1) [**RULE 2012, 5-6-2005**]	C1.5, D12.4, E71.2, K67.12
Process 6: RULE 219 EXEMPT EQUIPMENT SUBJECT TO SOURCE SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, REFRIGERANT RECOVERY AND/OR RECYCLING UNITS,	E91				H23.2
RULE 219 EXEMPT EQUIPMENT, AEROSOL CAN PUNCTURING WITH CARBON FILTER, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E92			**VOC**: (5) [**RULE 1113, 11-8-1996;** *RULE 1113, 6-3-2011*]	H23.6, K67.5
RULE 219 EXEMPT EQUIPMENT, EXEMPT HAND WIPING OPERATIONS	E93			**VOC**: (9) [**RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	H23.6
RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS	E94				H23.3
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E95			**VOC**: (9) [**RULE 1171, 11-7-2003;** *RULE 1171, 5-1-2009*]	H23.4
HEATER, MULTIPLE UNITS FOR SPACE HEATING	E150			**CO**: 400 PPMV NATURAL GAS (5) [**RULE 1146.2, 5-5-2006**]	

* (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
AMERICAN AIRLINES INC (EIS USE)

SECTION D: DEVICE ID INDEX

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

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D1	1	1	1
D2	1	1	1
D3	1	1	1
D4	1	1	1
D5	1	1	1
D6	2	1	1
D7	2	1	1
D8	2	1	1
D23	8	4	1
D26	8	4	2
E91	9	6	0
E92	9	6	0
E93	9	6	0
E94	9	6	0
E95	9	6	0
D121	4	2	1
D122	5	2	1
D123	5	2	1
D126	2	1	2
D127	3	1	2
D131	5	2	1
D132	6	2	1
D133	3	1	2
D135	2	1	2
D136	8	5	2
D137	9	5	2
D138	9	5	2
D140	7	4	1
D141	8	4	1
E150	9	6	0
D151	7	3	2
D152	7	3	2
D153	7	3	2
D154	6	3	1
D155	6	3	1

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	**Section D Page No.**	**Process**	**System**
D158	4	1	2
C159	4	1	2

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

F10.1 Material(s) that contain the following compound(s) shall not be used in this facility;

Hexavalent chromium

This condition shall only apply to spray coating applications.

[RULE 1401, 3-4-2005]

F14.1 The operator shall not use 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]

F14.2 The operator shall not use liquid fuel containing sulfur compounds in excess of 0.5 percent by weight.

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

F48.1 The operator shall not use at this facility natural gas containing sulfur compounds calculated as H2S in excess of 16 parts in a million by volume.

[**RULE 431.1, 6-12-1998**]

F58.1 For the purposes of monitoring, recording, and reporting under RECLAIM, portable internal combustion engine(s) and turbine(s) operated at this facility shall be monitored by a non-resettable timer to accurately indicate the elapsed operating time of the equipment unless monitored by a fuel meter meeting the following requirements:

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

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

1. The devices served by the fuel meters shall be electrically wired in such a manner that its operation cannot be initiated without the fuel meters first being activated.

2. The fuel meters and temperature transducers shall be calibrated annually by the manufacturer, KRAL-USA, Inc. or its designated representatives. Dual fuel meters shall be calibrated on the same day, using the same equipment. The fuel meters shall be calibrated as specified by KRAL-USA, Inc. in the protocols submitted to the South Coast Air Quality Management District dated July 17, 2001 without deviation unless written approval is granted.

3. The calculations of electronic flow computers, for display of flow measurement results, shall be verified at time of fuel meter calibration by KRAL-USA, Inc. or its designated representatives. Calibration results shall be maintained at the facility and made available to the Executive Officer or his representatives upon demand for a minimum of three years after the date of calibration.

4. The fuel meters and its electronic components shall be sealed by the manufacturer, KRAL-USA, Inc., or its designated representatives. Such seal shall only be broken by the manufacturer or its authorized representative for purposes of testing, maintenance or repair purposes. The meter shall be re-sealed immediately after the completion of the test or repair.

5. An operation log shall be maintained to record every testing, maintenance, repair or calibration of a fuel meter. Each fuel meter log shall be positively identified for each fuel meter and the device it serves. The operation logs shall be kept at the facility for a minimum of three years after the end of each compliance year. These operation logs shall be made available to the Executive Officer or his representative upon demand.

6. The fuel meters shall not be equipped with keypad or buttons that allow changes to the programming or data contained in the units. Portable keypad may be used by the manufacturer or its representatives for testing, maintenance, or repair purposes. In addition, access to the program and data contained in the units shall be passcode protected. This passcode shall only be made available to the manufacturer or its designated representatives.

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

7. Existing timer on each of the devices shall be maintained in good operation manner for a minimum of three years initial operation of the time meter. During this period, timer readings shall be made and recorded in the maintenance log on a quarterly basis.

[RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

DEVICE CONDITIONS

B. Material/Fuel Type Limits

B27.1 The operator shall not use materials containing any compounds identified in the SCAQMD Rule 1401, as amended 07-dec-1990.

[RULE 1401, 12-7-1990]

[Devices subject to this condition : D23, D26]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the operating time to no more than 199 hour(s) in any one year.

[RULE 1110.2, 7-9-2010; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 6-14-1996;** RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005**]

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

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 : D1, D2, D3, D4, D5, D6, D7, D8, D126, D127, D135]

C1.2 The operator shall limit the coating and solvent usage to no more than 2.5 gallon(s) per day.

[**RULE 1303(b)(2)-Offset, 5-10-1996**]

[Devices subject to this condition : D26]

C1.3 The operator shall limit the operating time to no more than 150 hour(s) in any one year.

[RULE 1401, 3-17-2000; **RULE 2012, 12-7-1995;** RULE 2012, 4-9-1999]

[Devices subject to this condition : D131, D132]

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

[RULE 1110.2, 7-9-2010; **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 2005, 6-3-2011;** RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005; 40CFR 60 Subpart IIII, 7-11-2006**]

[Devices subject to this condition : D133, D158]

C1.5 The operator shall limit the fuel usage to no more than 90000 therms in any one year.

[**RULE 1146, 11-17-2000**]

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 : D136, D137, D138]

C1.8 The operator shall limit the coating and solvent usage to no more than 6 gallon(s) per day.

[**RULE 1303(b)(2)-Offset, 5-10-1996**]

[Devices subject to this condition : D141]

C1.9 The operator shall limit the operating time to no more than 34 hour(s) in any one year.

For the purpose of this condition, operating time shall be defined as maintenance and testing time in Rule 1470.

[RULE 1470(h)(15), 11-3-2006]

[Devices subject to this condition : D1, D2, D3, D4, D5, D6, D7, D8]

C1.10 The operator shall limit the operating time to no more than 20 hour(s) in any one year.

For the purpose of this condition, operating time shall be defined as maintenance and testing time in Rule 1470.

[RULE 1470, 6-1-2007]

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

C1.11 The operator shall limit the gasoline dispensed to no more than 29766 gallon(s) in any one calendar month.

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AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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]

[Devices subject to this condition : D151]

C1.12 The operator shall limit the gasoline dispensed to no more than 33567 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 : D152]

C1.13 The operator shall limit the loading rate of JETA fuel to no more than 17,179,000 gallon(s) in any one calendar month.

For the purpose of this condition, this limit shall be defined as the total combined loading rates for devices D156 and D154 when D156 and D154 are both operated in any one month.

[**RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1401, 9-10-2010]

[Devices subject to this condition : D154]

C1.14 The operator shall limit the maintenance and 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 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 1304(c)-Offset Exemption, 6-14-1996;** RULE 1470, 5-4-2012; **RULE 2005, 6-3-2011; 40CFR 60 Subpart IIII, 6-28-2011**]

[Devices subject to this condition : D158]

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C6.1 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, does not exceed 0.25 inches water column.

To comply with this condition, the operator shall monitor the differential pressure as specified in condition number 12-2.

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

[Devices subject to this condition : D23, D26, D140, D141]

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, 7-9-2010; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 1470, 6-1-2007; **RULE 2005, 6-3-2011;** RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart IIII, 6-28-2011]**

[Devices subject to this condition : D1, D2, D3, D4, D5, D6, D7, D8, D126, D127, D131, D132, D133, D135, D158]

D12.2 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

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

[Devices subject to this condition : D23, D26, D140, D141]

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D12.4 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the combustion chamber.

[**RULE 1146, 11-17-2000**]

[Devices subject to this condition : D136, D137, D138]

D90.1 The operator shall periodically monitor the operation hours of the engine according to the following specifications:

The operator shall monitor and record on a monthly basis the emergency hours of operation.

The operator shall monitor and record on a monthly basis the maintenance and testing hours.

The operator shall monitor and record on a monthly basis the other operating hours (with description of reason of operation).

The operator shall monitor and record the timer reading in hours at the beginning and end of operation every time the engine is started manually.

The operator shall monitor and record total hours of operation for the previous calendar year within the first fifteen days of January of each year.

[RULE 1470, 6-1-2007; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D1, D2, D3, D4, D5, D6, D7, D8, D126, D127, D133, D135]

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

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

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

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

[Devices subject to this condition : D23, D26, D140, D141]

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

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

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

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

1). Stack or emission point identification;

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

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

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

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984;** RULE 401, 9-11-1998]

[Devices subject to this condition : D1, D2, D3, D4, D5, D6, D7, D8, D121, D122, D123, D126, D127, D131, D132, D133]

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

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

[Devices subject to this condition : D151, D152, D153]

E. Equipment Operation/Construction Requirements

E57.1 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, 5-4-2012; **RULE 2005, 6-3-2011; 40CFR 60 Subpart IIII, 6-28-2011**]

[Devices subject to this condition : D158]

E71.1 The operator shall not operate this equipment for more than 12 consecutive months at any one location in this facility.

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D131, D132]

E71.2 The operator shall only operate this equipment using natural gas.

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

[Devices subject to this condition : D136, D137, D138]

E71.4 The operator shall only bottom loading fuel from this equipment during the transfer of gasoline fuel from the aboveground storage tank into any tank truck. The vapor return line shall be connected between the aboveground tank and tank truck.

[RULE 462, 5-14-1999]

[Devices subject to this condition : D151]

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

filter media at least 2 inches thick

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

[Devices subject to this condition : D23, D26, D140, D141]

E193.1 The operator shall construct, operate, and maintain this equipment as follows:

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

ALL PHASE I AND PHASE II VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.

[**RULE 461, 6-3-2005;** RULE 461, 3-7-2008]

[Devices subject to this condition : D151, D152, D153]

E448.1 The operator shall comply with the following requirements:

Removal of the diesel particulate filter's filter media for cleaning may only occur under the following conditions:

A. The internal combustion engine shall not be operated for maintenance and testing or any other non-emergency use while the diesel particulate filter media is removed; and

B. The diesel particulate filter's filter media shall be returned and re-installed within 10 working days from the date of removal; and

C. The owner or operator shall maintain records indicating the date(s) the diesel particulate filter's filter media was removed for cleaning and the date(s) the filter media was re-installed. Records shall be retained for a minimum period of 5 years.

[**40CFR 60 Subpart IIII, 6-28-2011**]

[Devices subject to this condition : D158]

E448.2 The operator shall comply with the following requirements:

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AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The engine shall comply with the emission standards specified in 40 CFR 60.4204(b) and 4205(b). The operator must comply by purchasing an engine certified to the emission standards in 40 CFR 60.4204(b), or 4205(b) or (c), as applicable, for the model year and maximum engine power. The engine must be installed and configured according to the manufacturer's specifications.

The engine and the control device shall be operated and maintained in accordance with the manufacturer's written emission-related instructions or procedures developed by the operator that are approved by the engine manufacturer. Changes to those emission-related settings that are set by the manufacturer are not allowed.

[**40CFR 60 Subpart IIII, 6-28-2011**]

[Devices subject to this condition : D158]

E448.3 The operator shall comply with the following requirements:

The engine and the Rypos diesel particulate filter shall be operated in accordance with CARB Executive Order DE-07-001-03 or later version.

Filter cleaning is required every 1000 hours of operation.

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; **40CFR 60 Subpart IIII, 6-28-2011**]

[Devices subject to this condition : D158]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

VOC	District Rule	109
PM	District Rule	481

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

[Devices subject to this condition : D23, D26, D140, D141]

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

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

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

[Devices subject to this condition : E91]

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

Contaminant	Rule	Rule/Subpart
Refrigerants	40CFR82, SUBPART	F

[40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : E94]

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

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

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[**RULE 1122, 10-1-2004;** RULE 1122, 5-1-2009]

[Devices subject to this condition : E95]

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

Contaminant	Rule	Rule/Subpart
CO	40CFR89, SUBPART	B
NOX	40CFR89, SUBPART	B
PM	40CFR89, SUBPART	B
VOC	40CFR89, SUBPART	B

[**40CFR 89 Subpart B, 7-1-2000**]

[Devices subject to this condition : D131, D132]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	109

[**RULE 109, 5-2-2003**]

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

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 : E92, E93]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	461

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

[RULE 461, 6-3-2005]

[Devices subject to this condition : D151, D152, D153]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	466.1

[RULE 466.1, 5-2-1980; RULE 466.1, 3-16-1984]

[Devices subject to this condition : D154]

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

Contaminant	Rule	Rule/Subpart
ROG	District Rule	462

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The bulk loading vapor recovery system shall be certified by the California Resources Board (CARB) as required in Rule 462. The copy of the CARB bulk loading vapor recovery certification test results shall be retained on site and made available to District representatives upon request.

This class "B" loading facility shall be installed, operated, and maintained in accordance with District Rule 462.

[**RULE 462, 5-14-1999**]

[Devices subject to this condition : D151]

H23.10 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
Sulfur compounds	District Rule	431.2

[RULE 1470, 5-4-2012; **RULE 431.2, 5-4-1990;** RULE 431.2, 9-15-2000; **40CFR 60 Subpart IIII, 7-11-2006**]

[Devices subject to this condition : D158]

I. Administrative

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AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

I297.1 This equipment shall not be operated unless the facility holds 1520 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[**RULE 2005, 6-3-2011**]

[Devices subject to this condition : D158]

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 461, 6-3-2005;** RULE 461, 3-7-2008]

[Devices subject to this condition : D151, D153]

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 461, 6-3-2005;** RULE 461, 3-7-2008]

[Devices subject to this condition : D151, D152]

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

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

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AMERICAN AIRLINES INC (EIS USE)

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

a) A static pressure integrity 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 as outlined in exhibit 3 of CARB executive order G-70-187 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

b) If the CARB executive order requires the installation of a liquid removal device, a liquid removal rate test shall be conducted to demonstrate the removal of gasoline from the vapor passage of the coaxial hose. the test shall be conducted in accordance with CARB test procedure method TP-201.6 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.

c) A vapor return line vacuum integrity test shall be conducted to verify the vapor tightness of the Healy system. the test shall be conducted as outlined in exhibit 4 of CARB executive order G-70-187 as a performance test reverification test. results shall be submitted to the AQMD office of Engineering and Compliance, within seventy-two (72) hours of test.

d. A fillneck vapor pressure regulation fueling test shall be conducted to verify proper operation of the nozzle boot pressure regulation which is unique to the Healy model 400 ORVR nozzle. The test shall be conducted as outlined in exhibit 5 of CARB executive order G-70-187 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 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 any of the above mentioned testing requirements. such notification shall include the name of the owner or operator; the name of the contractor; the location of the facility; and the scheduled start and completion dates of the tests to be performed.

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

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

requirements, whichever is more stringent.

[**RULE 461, 6-3-2005;** RULE 461, 3-7-2008]

[Devices subject to this condition : D151, D152, D153]

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):

weekly record of pressure drop across the filter media

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

[Devices subject to this condition : D23, D26, D140, D141]

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

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

the date, time, and results of the inspection

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

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

[Devices subject to this condition : D23, D26, D140, D141]

FACILITY PERMIT TO OPERATE
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The operator shall comply with the terms and conditions set forth below:

K67.5 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.

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

[Devices subject to this condition : E92]

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

monthly hours of operation

fuel oil usage

[RULE 1401, 3-4-2005; RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D131, D132]

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

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

material safety data sheets for all coatings and solvents used at this facility shall be kept current and made available to District personnel upon request.

The operator shall keep adequate records for this equipment to verify daily volatile organic compound emissions in pounds and the voc content of each material as applied including water and exempt solvent.

all records shall be prepared in a format which is acceptable to the District, shall be retained on the premises for at least five years and be made available to the District upon request.

[**RULE 109, 5-2-2003; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D23, D26, D140, D141]

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

monthly hours of operation

[RULE 1110.2, 7-9-2010; **RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996;** RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

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

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

monthly hours of operation

reason for operation

dates of operation

FACILITY PERMIT TO OPERATE
AMERICAN AIRLINES INC (EIS USE)

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1110.2, 7-9-2010; **RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 2012, 3-16-2001; **RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D1, D2, D3, D4, D5, D6, D7, D8]

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

Annual fuel usage, in therms, of this equipment

[**RULE 1146, 11-17-2000; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D136, D137, D138]

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

inspection and repair of flanges and valves

[**RULE 466.1, 5-2-1980;** RULE 466.1, 3-16-1984]

[Devices subject to this condition : D154]

K67.14 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Monthly loading rate of jet A fuel being transferred by this equipment

Total combined monthly loading rates for devices D154 and D156

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

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

[**RULE 1304(c)-Offset Exemption, 6-14-1996;** RULE 1401, 9-10-2010; **RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997**]

[Devices subject to this condition : D154]

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

total hours of operation of the engine for each month for 1) emergency use, 2) testing and Maintenance, 3) other uses - describe reason of operating

Indication of whether the engine is started manually or automatically

each time the engine is manually started, the log shall include the date of operation, the specific reason for operation, and the totalizing hour meter reading (in hours and tenths of hours) at the beginning and end of 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, 7-9-2010; **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, 5-4-2012; **RULE 2005, 6-3-2011; RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart IIII, 6-28-2011**]

[Devices subject to this condition : D158]

L. Expiration Date

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

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

L96.1 The operator shall not operate this equipment beyond:

90 days following the start up of device D156

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

[Devices subject to this condition : D154]