



South Coast Air Quality Management District

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

August 19, 2011

Jay Valenzuela
Lead Environmental Coordinator
American Airlines, Inc.
PO Box 92246
Los Angeles, CA 90009-2246

Facility ID #800196

Dear Mr. Valenzuela:

Please find attached the revised Title Page, Table of Contents, and Section H of your RECLAIM/Title V Facility Permit. The revised sections reflect the approval of the permit revision requested in your Application No. 525805. The proposed permit revision was submitted to EPA for review on August 16, 2011 and was approved on August 19, 2011. This permit revision includes construction of a Fuel Hydrant Facility under device D156.

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

Sincerely,

Brian L. Yeh for

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

BLY:DR:TT

Attachment

cc: Gerardo Rios, EPA Region IX



FACILITY PERMIT TO OPERATE

**AMERICAN AIRLINES INC (EIS USE)
7000 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 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 3: FUELING					
System 1: ORGANIC LIQUID RECEIVING, STORAGE, AND DISTRIBUTION, UNDERGROUND					
BULK MATERIAL LOADING STATION, TERMINAL 4, JET FUEL (JPA), WITH 23 FUEL PITS, EACH WITH A 4" CLA-VAL VALVE, 2 ISOLATION VALVE PITS, 2 FLUSHING PITS & 1 VAULT WITH A/N: 525804 Permit to Construct Issued: 08/19/11	D156				C1.13, E71.5, E71.6, K67.14, L341.1
FUGITIVE EMISSIONS, VALVES	D157				

* (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
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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
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SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D156	1	3	1
D157	1	3	1



FACILITY PERMIT TO OPERATE AMERICAN AIRLINES INC (EIS USE)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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 AMERICAN AIRLINES INC (EIS USE)

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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.

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.

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.

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.

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.



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

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.

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

DEVICE CONDITIONS

C. Throughput or Operating Parameter Limits

C1.13 The operator shall limit the loading rate of JETA fuel to no more than 11283333 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 D128 when D156 and D128 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 : D156]

E. Equipment Operation/Construction Requirements

E71.5 The operator shall only operate this equipment to transfer jet-A fuel.

[RULE 1304(c)-Offset Exemption, 6-14-1996; RULE 1401, 9-10-2010]

[Devices subject to this condition : D156]

E71.6 The operator shall only operate this equipment to transfer fuel to aircraft.



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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 : D156]

K. Record Keeping/Reporting

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 this equipment and that for device D128

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

[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 : D156]

L. Expiration Date

L341.1 Within 90 days after start-up of this equipment, the following device(s) shall be removed from operation:

D128

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

[Devices subject to this condition : D156]



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
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