



OCT 22 2014

Mr. Dallas Belcher
NAS Lemoore
Building 750 Code 50800
Lemoore, CA 93246

**Re: Final - Authority to Construct / Certificate of Conformity (Significant Mod)
District Facility # C-2106
Project # C-1123183**

Dear Mr. Belcher:

The Air Pollution Control Officer has issued Authorities to Construct (C-2106-23-4, '70-5, '74-4) with Certificates of Conformity to NAS Lemoore at Naval Air Station Lemoore, Lemoore. The facility is proposing to add a Specific Limiting Condition (SLC), as defined in Rule 2201 Section 3.38, for the two jet engine test cells and jet engine test pad operation permits with a combined daily fuel use limit of 13,080 gallons per day. Enclosed are the Authorities to Construct and a copy of the notice of final action to be published approximately three days from the date of this letter.

Notice of the District's preliminary decision to issue the Authority to Construct permit was published on August 20, 2014. The District's analysis of the proposal was also sent to CARB and US EPA Region IX on August 15, 2014. No comments were received following the District's preliminary decision on this project.

Prior to operating with modifications authorized by the Authority to Construct, you must submit an application to modify the Title V permit as an administrative amendment in accordance with District Rule 2520, Section 11.5.

Also enclosed is an invoice for the engineering evaluation fees pursuant to District Rule 3010. Please remit the amount owed, along with a copy of the attached invoice, within 60 days.

Seyed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

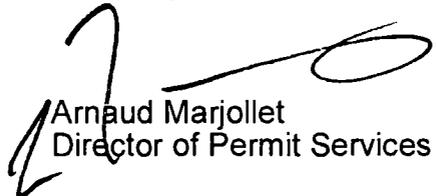
Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: 661-392-5500 FAX: 661-392-5585

Mr. Dallas Belcher
Page 2

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Jim Swaney, Permit Services Manager, at (559) 230-5900.

Sincerely,



Arnaud Marjollet
Director of Permit Services

Enclosures

cc: Mike Tollstrup, CARB (w/enclosure) via email
cc: Gerardo C. Rios, EPA (w/enclosure) via email



AUTHORITY TO CONSTRUCT

PERMIT NO: C-2106-23-4

ISSUANCE DATE: 10/16/2014

LEGAL OWNER OR OPERATOR: NAS LEMOORE
MAILING ADDRESS: BUILDING 750 CODE 50800
LEMOORE, CA 93246-5001

LOCATION: NAVAL AIR STATION LEMOORE
LEMOORE, CA 93246-5001

EQUIPMENT DESCRIPTION:

MODIFICATION OF JET TEST CELL #3 (BLDG 175): ADD SPECIFIC LIMITING CONDITION (SLC) FOR PERMITS C-2106-23, '70, '74 WITH A COMBINED DAILY FUEL USE LIMIT OF 13,080 GALLONS PER DAY

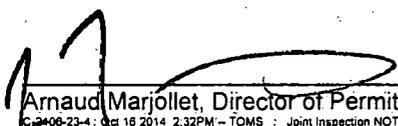
CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
6. Daily combined fuel usage from jet engine test cells #3 and #4 (permits C-2106-23 and '74) and jet engine test pad (C-2106-70) shall not exceed 13,080 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (559) 230-5950 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services
C-2106-23-4 : Oct 16 2014 2:32PM -- TOMS : Joint Inspection NOT Required

7. Emissions from this test cell shall not exceed any of the following limits: 0.192 lb-NO_x/gal, 0.041 lb-SO_x/gal, 0.0261 lb-PM₁₀/gal, 0.383 lb-CO/gal, or 0.0510 lb-VOC/gal. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Fuel sulfur content shall not exceed 3,000 ppm by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Permittee shall determine fuel sulfur content annually. Samples of the fuel be taken at the facility or at the refinery, valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement. [District Rule 2201] Federally Enforceable Through Title V Permit
10. A record shall be maintained of the date and quantity of engines tested, quantity of fuel used during each test of each engine, and fuel sulfur content. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit



AUTHORITY TO CONSTRUCT

PERMIT NO: C-2106-70-5

ISSUANCE DATE: 10/16/2014

LEGAL OWNER OR OPERATOR: NAS LEMOORE
MAILING ADDRESS: BUILDING 750 CODE 50800
LEMOORE, CA 93246-5001

LOCATION: NAVAL AIR STATION LEMOORE
LEMOORE, CA 93246-5001

EQUIPMENT DESCRIPTION:
MODIFICATION OF T-14/T-17 OPEN ENGINE TEST PADS (BLDG 242): ADD SPECIFIC LIMITING CONDITION (SLC) FOR PERMITS C-2106-23, '70, '74 WITH A COMBINED DAILY FUEL USE LIMIT OF 13,080 GALLONS PER DAY

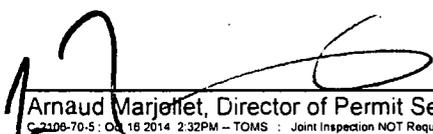
CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. Only F-404-GE-400, F404-GE-402, and T-400-CP-400 engines shall be tested at this site. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Engine test rate shall not exceed five F-404-GE-400 or F404-GE-402 tests/day. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Daily combined fuel usage from jet engine test cells #3 and #4 (permits C-2106-23 and '74) and jet engine test pad (C-2106-70) shall not exceed 13,080 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO



Arnaud Marjette, Director of Permit Services
C-2106-70-5 : Oct 16 2014 2:32PM - TOMS : Joint Inspection NOT Required

8. Emissions from this test pad shall not exceed any of the following limits: 0.192 lb-NO_x/gal, 0.041 lb-SO_x/gal, 0.0261 lb-PM₁₀/gal, 0.383 lb-CO/gal, or 0.0510 lb-VOC/gal. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Fuel sulfur content shall not exceed 3,000 ppm by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Permittee shall determine fuel sulfur content annually. Samples of the fuel be taken at the facility or at the refinery, valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement. [District Rule 2201] Federally Enforceable Through Title V Permit
11. A record shall be maintained of the date, type, and quantity of engines tested, quantity of fuel used during each test of each engine, and fuel sulfur content. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
12. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit



AUTHORITY TO CONSTRUCT

PERMIT NO: C-2106-74-4

ISSUANCE DATE: 10/16/2014

LEGAL OWNER OR OPERATOR: NAS LEMOORE
MAILING ADDRESS: BUILDING 750 CODE 50800
LEMOORE, CA 93246-5001

LOCATION: NAVAL AIR STATION LEMOORE
LEMOORE, CA 93246-5001

EQUIPMENT DESCRIPTION:
MODIFICATION OF JET TEST CELL #4 (BLDG 176): ADD SPECIFIC LIMITING CONDITION (SLC) FOR PERMITS C-2106-23, '70, '74 WITH A COMBINED DAILY FUEL USE LIMIT OF 13,080 GALLONS PER DAY

CONDITIONS

1. This Authority to Construct serves as a written certificate of conformity with the procedural requirements of 40 CFR 70.7 and 70.8 and with the compliance requirements of 40 CFR 70.6(c). [District Rule 2201] Federally Enforceable Through Title V Permit
2. Prior to operating with modifications authorized by this Authority to Construct, the facility shall submit an application to modify the Title V permit with an administrative amendment in accordance with District Rule 2520 Section 5.3.4. [District Rule 2520, 5.3.4] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
5. The exhaust stack shall vent vertically upward. The vertical exhaust flow shall not be impeded by a rain cap (flapper ok), roof overhang, or any other obstruction. [District Rule 4102]
6. Daily combined fuel usage from jet engine test cells #3 and #4 (permits C-2106-23 and '74) and jet engine test pad (C-2106-70) shall not exceed 13,080 gallons per day. [District Rule 2201] Federally Enforceable Through Title V Permit

CONDITIONS CONTINUE ON NEXT PAGE

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Seyed Sadredin, Executive Director / APCO


Arnaud Marjollet, Director of Permit Services
C-2106-74-4 : Oct 16 2014 2:32PM - TOMS : Joint Inspection NOT Required

7. Emissions from this test cell shall not exceed any of the following limits: 0.192 lb-NO_x/gal, 0.041 lb-SO_x/gal, 0.0261 lb-PM₁₀/gal, 0.383 lb-CO/gal, or 0.0510 lb-VOC/gal. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Fuel sulfur content shall not exceed 3,000 ppm by weight. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Permittee shall determine fuel sulfur content annually. Samples of the fuel be taken at the facility or at the refinery, valid purchase contracts, supplier certifications, tariff sheets, or transportation contracts may be used to satisfy this requirement. [District Rule 2201] Federally Enforceable Through Title V Permit
10. A record shall be maintained of the date and quantity of engines tested, quantity of fuel used during each test of each engine, and fuel sulfur content. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
11. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rule 1070] Federally Enforceable Through Title V Permit