



IDAHO DEPARTMENT
OF HEALTH AND WELFARE

DIVISION OF
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 334-0502

Philip E. Batt, Governor

December 2, 1996

CERTIFIED MAIL # P 070 696 688

Major Bob Pietras
124 SPTG/EM
3787 Aeronca Street
Boise, ID 83705-8006

RE: P-960154 Idaho Air National Guard, Boise
(Permit to Construct Applicability)

Dear Major Pietras:

On October 10, 1996, the Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) received a Permit to Construct (PTC) application from the Idaho Air National Guard for modifications to PTC No. 001-00043. This PTC was issued for the operation of an Aircraft Testing Facility located at Gowen Field in Boise. Based on review of the application, and all applicable state and federal rules and regulations, DEQ finds this project meets the provisions of IDAPA 16.01.01.200 (Rules for the Control of Air Pollution in Idaho). Enclosed is modified PTC No. 001-00043.

Please pay particular attention to the reporting requirements contained in Paragraph E of the General Provisions section of the permit. This information is needed to properly track the progress of the permit. Please refer to the appropriate permit number when submitting reports required in the Reporting Requirements section of the permit.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street, Tenth Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Martin Bauer, Chief, Air Quality Permitting Bureau, at (208) 373-0502.

Sincerely,

Orville D. Green
Assistant Administrator
Air and Hazardous Waste

ODG/RM/bb: GUARD/HUSH.PL

Enclosure

cc: R. Wilkosz/TSB
EPA-IOO
P. Rayne/AFS

Boise RO
Source File
COF

Permit Manual

December 2, 1996

M E M O R A N D U M

TO: Orville D. Green, Assistant Administrator
Air and Hazardous Waste

FROM: Martin Bauer, Chief *M. Bauer*
Air Quality Permitting Bureau

SUBJECT: P-960154 Idaho Air National Guard, Boise
(Permit to Construct Applicability)

PROJECT DESCRIPTION

The Idaho Air National Guard (IANG) has submitted a Permit to Construct (PTC) application for modified operations of an aircraft testing facility, or Hush House, which is currently operating under PTC No. 001-00043. The IANG wishes to use the Hush House for the testing of the A-10 and C-130 aircraft. The original PTC would not allow this testing. The IANG has also requested that monitoring requirements be changed to fuel combustion monitoring.

DISCUSSION

On May 16, 1994, the IANG was issued PTC #001-00043 for their Hush House. On October 10, 1996, DEQ received a PTC application from IANG for modified operations of their Hush House. The application was determined complete on October 31, 1996.

FEES

This facility is not a major facility as defined in IDAPA 16.01.01.008.14. Therefore, registration and registration fees in accordance with IDAPA 16.01.01.526 are not applicable. However, according to the August 2, 1996, Air Emissions Database Master List, this facility has paid fees for approximately 6.2 tons of pollutants.

RECOMMENDATION

Based on review of application materials and all applicable state and federal rules and regulations, staff recommend that the IANG be issued modified PTC No. 001-00043. No public comment period is recommended, no entity has requested a comment period and PSD requirements do not apply.

MB/RM/bb: GUARD/HUSH.MM

cc: R. Wilkosz/TSB
Boise Regional Office
P. Rayne/AFS
Source File (001-00043)
COF

STATE OF IDAHO
 PERMIT TO CONSTRUCT
 AN AIR POLLUTION
 EMITTING SOURCE

PERMIT NUMBER

001 - 00043

AQCR

064

CLASS

A2

SIC

9711

ZONE

11

UTM COORDINATE (km)

562

0

4823

0

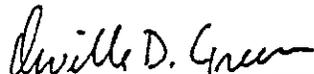
1. PERMITTEE
Idaho Air National Guard
2. PROJECT
Aircraft Engine Test Facility
- | | | | |
|---|-----------------------------------|--|-------------------|
| 3. MAILING ADDRESS
3787 W. Aeronca St. | CITY
Boise | STATE
Idaho | ZIP CODE
83705 |
| 4. SITE LOCATION COUNTY
Ada | NO. OF FULL TIME EMPLOYEES
529 | PROPERTY AREA AT SITE (Acreage)
570 | |
| 5. PERSON TO CONTACT
Maj. Robert D. Pietras, Jr. | TITLE
Environmental Manager | TELEPHONE
(208) 422-5327 | |
6. EXACT PLANT LOCATION
East End of Runway, Building 1515, Gowen Field
7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS
Military Facility
8. GENERAL CONDITIONS

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01.200, and pertains only to emissions of air contaminants which are regulated by the State of Idaho and to the sources specifically allowed to be constructed by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located, (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment, (c) does not release the permittee from compliance with other applicable federal, state, tribal or local laws, regulations, or ordinances, (d) in no manner implies or suggests that the Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) or its officers, agents, or employees, assumes any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit is not transferable to another person, place, piece or set of equipment. This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment that result in any change in the nature or amount of emissions must be approved in advance by the DEQ unless exempted by the Rules for the Control of Air Pollution in Idaho sections 220 through 225.



ASSISTANT ADMINISTRATOR
 DIVISION OF ENVIRONMENTAL QUALITY

DATE: December 2, 1996

PERMIT TO CONSTRUCT

P E R M I T N U M B E R

PERMITTEE, PROJECT, AND LOCATION

Idaho Air National Guard
Boise

0 0 1 - 0 0 0 4 3

SOURCE

Aircraft Engine Test Facility

1. EMISSION LIMITS

1.1 Opacity

Emissions emanating from any stack, vent or other functionally equivalent opening shall not exceed 20% opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period, as required in IDAPA 16.01.01.625. Opacity shall be determined by the procedures contained in the Procedures Manual for Air Pollution Control, Section II (Evaluation of Visible Emissions Manual).

2. OPERATING REQUIREMENTS

2.1 Fuel Combustion Limit

The fuel combusted in the aircraft engine testing facility shall be JP-4 or JP-8 fuel and shall not exceed two hundred forty six thousand, one hundred forty gallons per year (246,140 gal/yr).

3. MONITORING REQUIREMENTS

3.1 Fuel Combustion

The amount of fuel combusted in the aircraft engine test facility shall be recorded for every test performed. All data shall be kept on-site for the most recent two year period and made available to DEQ representatives upon request.

4. REPORTING REQUIREMENTS

4.1 Certification of Documents

All documents, including, but not limited to, records, monitoring data, supporting information, testing reports or compliance certifications submitted to the DEQ shall contain a certification by a responsible official according to IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate and complete.

DATE: December 2, 1996

PERMIT TO CONSTRUCT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the Rules for the Control of Air Pollution in Idaho. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the Rules for the Control of Air Pollution in Idaho, and the Environmental Protection and Health Act, Idaho Code 39-101, et.seq.
- B. The permittee shall, at all times (except as provided in the Rules for the Control of Air Pollution in Idaho), maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.
- C. The permittee shall allow the Director, and/or his authorized representative(s), upon the presentation of credentials:
- 1) To enter at reasonable times upon the premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 - 2) At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack emission testing in conformance with the DEQ's Procedures Manual for Air Pollution Control when deemed appropriate by the Director.
- D. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- E. The permittee shall notify the Idaho Division of Environmental Quality, in writing, of the required information for the following events within five working days after occurrence;
- 1) Initiation of Construction - Date
 - 2) Completion/Cessation of Construction - Date
 - 3) Actual Production Start up - Date
 - 4) Initial Date of Achieving Maximum Production Rate - Production Rate and Date
- F. If emission testing is specified, the permittee must schedule such testing within sixty (60) days after achieving the maximum production rate, but not later than one hundred and eighty (180) days after initial start up. Such testing must strictly adhere to the procedures outlined in the DEQ's Procedures Manual for Air Pollution Control, and shall not be conducted on weekends or state holidays without prior written DEQ approval. Testing procedures and specific time limitations may be modified by the DEQ by prior negotiation if conditions warrant adjustment. The DEQ shall be notified at least fifteen (15) days prior to the scheduled performance test. Any records or data generated as a result of such performance test shall be made available to the DEQ upon request.
- The maximum allowable operating rate shall be limited to 120% of the average operating rate attained during the performance test period, unless (1) a more restrictive operating limit is specified elsewhere in this permit, or (2) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.
- G. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

DATE: December 2, 1996