



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706-1255 • (208) 373-0502

Dirk Kempthorne, Governor
C. Stephen Allred, Director

September 16, 2002

CERTIFIED MAIL No. 7000 1670 0013 9128 8007

John V. Ikeda
FAA Project Engineer
FAA ANI 830
1601 Lind Avenue SW
Renton, WA 98055

RE: AIRS Facility No. 001-00194, U.S. Department of Transportation - Federal Aviation Administration
Emergency generator for the Boise Air Traffic Control Tower, Boise, Idaho

Dear Mr. Ikeda:

The Department of Environmental Quality (Department) is issuing Permit to Construct (PTC) No. 001-00194 for the Federal Aviation Administration in accordance with IDAPA 58.01.01.200 through 223, *Rules for the Control of Air Pollution in Idaho*. This PTC is effective immediately and is based on your permit application received on May 23, 2002.

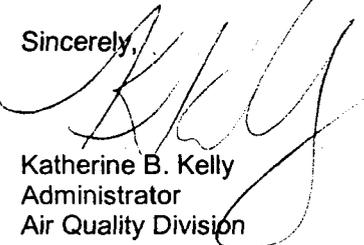
This permit does not release the Federal Aviation Administration from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Michael McGown of the Boise Regional Office will contact you regarding a meeting with the Department to discuss the permit terms and requirements. In addition to your facility's plant manager, the Department recommends the following representatives attend the meeting: your responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with the permit conditions.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to IDAPA 58.01.23, *Rules of Administrative Procedure Before the Board of Environmental Quality*. A petition may be filed with the Hearings Coordinator, Department of Environmental Quality, 1410 N. Hilton, Boise, ID 83706-1255, within 35 days of the date of this decision. However, the Department encourages you to contact us to discuss any concerns you may have with the enclosed permit prior to filing a petition for a contested case.

If you have any questions, please contact Daniel Salgado at (208) 373-0431 or dsalgado@deq.state.id.us.

Sincerely,



Katherine B. Kelly
Administrator
Air Quality Division

KK/DH/bh P-020126 G:\AIR QUALITY\STATIONARY SOURCE\SS LTD\PTC\BATCTP-020017 FINAL LTR.DOC
Enclosures

cc: Michael McGown, Boise Regional Office Joan Lechtenberg, Air Quality Division
Laurie Kral, EPA Region 10



**Air Quality
PERMIT TO CONSTRUCT**

State of Idaho
Department of Environmental Quality

PERMIT NO.: 001-00194

AQCR: 64

CLASS: B

SIC: 9621

ZONE: 11

UTM COORDINATE (km): 563.0 , 4824.1

1. PERMITTEE

U.S. Department of Transportation, Federal Aviation Administration

2. PROJECT

Emergency Generator

3. MAILING ADDRESS

3105 Airport Way

CITY

Boise

STATE

ID

ZIP

83705

4. FACILITY CONTACT

Mark Baird

TITLE

FAA Boise SSC Manager

TELEPHONE

(208) 334-9002

5. RESPONSIBLE OFFICIAL

John Ikeda

TITLE

FAA Project Engineer

TELEPHONE

(425) 227-1933

6. EXACT PLANT LOCATION

Boise Airport Air Traffic Control Tower

COUNTY

Ada

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

U.S. Government facility for air traffic control at the Boise Airport.

8. GENERAL CONDITIONS

This permit is issued according to IDAPA 58.01.01.200, *Rules for the Control of Air Pollution in Idaho*, and pertains only to emissions of air contaminants 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 Department of Environmental Quality (Department) or its officers, agents, or employees, assume 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, or 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 may require Department approval pursuant to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.200, et seq.

KATHERINE B. KELLY, ADMINISTRATOR, AIR QUALITY DIVISION
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: September 16, 2002

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 001-00194

Permittee: U.S. Department of Transportation,
Federal Aviation Administration

Date Issued: September 16, 2002

Location: Boise, Idaho

1. PERMIT TO CONSTRUCT SCOPE

Purpose

This permit to construct is for a new stationary source located at the air traffic control tower at the Boise Airport.

Regulated Sources

Table 1.1 lists all sources of emissions that are regulated in this PTC:

Table 1.1 REGULATED EMISSIONS SOURCE

Permit Section	Source Description	Emissions Control(s)
2	Emergency generator	None

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2. EMISSIONS UNIT: EMERGENCY GENERATOR

2.1 Process Description

The primary purpose of the emergency generator is to supply electrical power to the air traffic control tower during power outages.

Emissions Limits

2.2 Opacity Limit

Emissions from the emergency generator stack, or any other stack, vent, or functionally equivalent opening associated with the emergency generator, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625, *Rules for the Control of Air Pollution in Idaho*. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

[IDAPA 58.01.01.625]

Operating Requirements

2.3 Hours of Operation Limits

The maximum daily hours of operation of the emergency generator shall not exceed two hours per day. The maximum annual hours of operation of the emissions unit shall not exceed 500 hours per any consecutive 12-month period.

[IDAPA 58.01.01.211]

2.4 Fuel Oil Sulfur Content

The sulfur content in the No. 2 fuel oil (ASTM Grade 2) supplied to the emergency generator shall not exceed 0.5% by weight as required in IDAPA 58.01.01.728.

[IDAPA 58.01.01.728]

Monitoring and Recordkeeping Requirements

2.5 Monitor Operating Parameters

The permittee shall monitor the hours of operation of the emergency generator in hours per day and hours per any consecutive 12-month period when the generator is operating. A compilation of the most recent two years of records shall be kept onsite and shall be made available to Department representatives upon request.

[IDAPA 58.01.01.211]

Reporting Requirements

2.6 Excess Emissions Report

The permittee shall submit an excess emissions report to the Department after an excess emissions event in accordance with IDAPA 58.01.01.130-136.

IDAPA 58.01.01.130-136]

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3. PERMIT TO CONSTRUCT GENERAL PROVISIONS

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. 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 emissions 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., and the permittee is subject to penalties for each day of noncompliance.
2. 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.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
 - To enter, at reasonable times, upon the premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
 - 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 emissions testing in conformance with IDAPA 58.01.01.157 when deemed appropriate by the Director.
4. 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.
5. The permittee shall notify the Department, in writing, of the required information for the following events within five working days after occurrence:
 - Initiation of Construction - Date
 - Completion/Cessation of Construction - Date
 - Actual Production Startup - Date
 - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
6. If emissions testing is specified, the permittee must schedule and perform such testing within 60 days after achieving the maximum production rate, and not later than 180 days after initial startup. This requirement shall be construed as an ongoing requirement. The permittee shall not operate the source without testing within 180 days. If testing is not conducted within 180 days after initial startup, then each day of operation thereafter without the required source test constitutes a violation. Such testing must **strictly** adhere to the procedures outlined in IDAPA 58.01.01.157 and shall not be conducted on weekends or state holidays without prior written approval from the Department. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment. The Department shall be notified at least 15 days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the Department upon request.

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The maximum allowable operating rate shall be limited to 120% of the average operating rate attained during any performance test period, for which a test protocol has been granted prior approval by the Department, unless (1) the test demonstrates noncompliance; (2) a more restrictive operating limit is specified elsewhere in this permit; or (3) at such an operating rate, emissions would exceed any emissions limit(s) set forth in this permit.

7. 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.
8. In accordance with IDAPA 58.01.01.123, all documents submitted to the department, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification shall contain a certification by a responsible official. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.