

STATE OF IDAHO
 PERMIT TO CONSTRUCT AN
 AIR POLLUTION EMITTING SOURCE

PERMIT NUMBER

079 - 00019

AQCR

062

CLASS

B

SIC

7261

ZONE

11

UTM COORDINATE (km)

566 5 5265 0

1. PERMITTEE Shoshone Funeral Service			
2. PROJECT Cremator Incinerator			
3. MAILING ADDRESS 106 Main Street		CITY Kellogg	STATE Idaho
		ZIP CODE 83837	
4. SITE LOCATION COUNTY Shoshone	NO. OF FULL TIME EMPLOYEES 3	PROPERTY AREA AT SITE (Acreage) 0.25	
5. PERSON TO CONTACT Lonny Duce		TITLE Manager	TELEPHONE NUMBER (208) 786-5121
6. EXACT PLANT LOCATION 106 Main Street, Kellogg, Idaho 83837			
7. GENERAL NATURE OF BUSINESS AND KINDS OF PRODUCTS Funeral Service			

GENERAL CONDITIONS

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, Section 16.01.01012, 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 Department of Health and Welfare, 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 DEPARTMENT.

[Signature]
 ASSISTANT ADMINISTRATOR
 PERMITS AND ENFORCEMENT

DATE: April 7, 1994

PERMIT TO CONSTRUCT	P E R M I T N U M B E R									
PERMITTEE, PROJECT, AND LOCATION Shoshone Funeral Service Crematory Incinerator Kellogg, Idaho	<table border="1"> <tr> <td>0</td><td>7</td><td>9</td> <td>-</td> <td>0</td><td>0</td><td>0</td><td>1</td><td>9</td> </tr> </table>	0	7	9	-	0	0	0	1	9
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SOURCE										
Crematory Incinerator										

1. SOURCE DESCRIPTION

1.1 Process Description

A multiple chamber incinerator will be used to cremate human remains. The incinerator has two (2) combustion chambers (primary and secondary), and both are fired by natural gas. Human remains enclosed in a wooden box are placed into the primary combustion chamber and burned. The combustion gasses pass through the secondary chamber and are burned again, increasing the overall combustion efficiency.

1.2 Controls

The secondary combustion chamber serves to reduce the amount of carbon monoxide and particulates released to the atmosphere. The maximum design capacity of the incinerator is one hundred pounds per hour (100 lbs/hr), which ensures a residence time of the gasses in the secondary combustion chamber of one and eight tenths seconds (1.8 sec). No other controls are required.

1.3 Equipment Listing

This permit pertains to an Industrial Equipment and Engineering Company Power-Pak II-IE43-PPII Crematory Incinerator with a one hundred pound per hour (100 lb/hr) input capacity.

2. EMISSION LIMITS

2.1 Particulate emissions from the incinerator stack shall not exceed 0.2 pounds of particulates per one hundred (100) pounds of throughput to the incinerator in accordance with IDAPA 16.01.01502 (Rules for the Control of Air Pollution in Idaho).

2.2 Particulate emissions from the incinerator stack shall not exceed 0.2 pounds per hour and 0.29 tons per year (based on 2912 hours of operation per year).

QIP for CDG
 ASSISTANT ADMINISTRATOR
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SOURCE Crematory Incinerator										

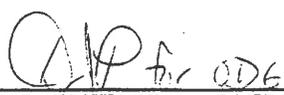
2.3 Visible emissions from the incinerator stack shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as determined by procedures contained in the Department's "Evaluation of Visible Emissions" manual in accordance with IDAPA 16.01.01201.

3. OPERATING REQUIREMENTS

- 3.1 This crematory incinerator shall be used to incinerate human remains only; no pathological waste shall be incinerated.
- 3.2 The secondary combustion chamber shall be preheated to 1600⁰ Farenheit prior to introducing human remains to the incinerator.
- 3.3 The temperature in the secondary chamber shall be maintained at 1800⁰ Fahrenheit or greater at all times during operations.
- 3.4 Throughput to the incinerator shall not exceed its design capacity of one hundred pounds per hour (100 lbs/hr).
- 3.5 The permittee shall ensure that an opacity monitor has been installed in the incinerator stack and shall calibrate, maintain and operate the opacity monitor according the manufacturer's specifications.

4. MONITORING REQUIREMENTS

- 4.1 A source test for particulate emissions from the incinerator stack shall be conducted only if visible emissions exceed ten percent (10%) opacity for more than three (3) minutes in any sixty (60) minute period, as measured by the opacity monitor required in Section 3.4 of this permit. This source test shall be conducted within sixty (60) days of the date that opacity exceeded ten percent (10%) for more than three (3) minutes in any sixty (60) minute period.


 ASSISTANT ADMINISTRATOR
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SOURCE Crematory Incinerator										

- 4.2 Should a source test be required as specified in Section 4.1 of this permit, a source test protocol shall be submitted to the Department for approval at least thirty (30) days prior to conducting the test.
- 4.3 The permittee shall monitor and record the temperature in the secondary chamber while the incinerator is operating at intervals of thirty (30) minutes after incineration of human remains commences. These records shall be maintained on-site for a period of two (2) years and made available to Department representatives upon request.
- 4.4 The permittee shall monitor and record throughput to the incinerator in pounds per hour (lb/hr) each time the incinerator is operated. Throughput data shall remain at the facility for a period of two (2) years and shall be made available to Department representatives upon request.

5. REPORTING REQUIREMENTS

- 5.1 All source testing information obtained to demonstrate compliance with Section 4.1 of this permit shall be submitted to the Department within thirty (30) days of conducting the test.
- 5.2 The permittee shall submit written reports semiannually according to the calendar year of exceedences to operating requirements in Section 3.3 and 3.4 of this permit.
- 5.3 The permittee shall notify the Department in writing within ten (10) days of all instances when the opacity monitor measures 10% opacity for more than three minutes in any sixty (60) minute period.

DAP for cde

ASSISTANT ADMINISTRATOR
PERMITS AND ENFORCEMENT

DATE: April 7, 1994

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 Department'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 Air Quality Bureau, 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 Department's **Procedures Manual for Air Pollution Control**, and will not be conducted on weekends or state holidays. Testing procedures and specific time limitations may be modified by the Idaho Air Quality Bureau by prior negotiation if conditions warrant adjustment. The Idaho Air Quality Bureau shall be notified at least fifteen (15) working 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.
- The performance tests will be performed at the maximum production rate. If this maximum rate is not achieved during testing, the allowable production rate will be limited to the production rate attained during testing.
- 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 the circumstances, and the remainder of this permit shall not be affected thereby.