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Air Contaminant Discharge Permit

Department of Environmental Quality

This permit is being issued in accordance with the provisions of ORS 468A.040 and

based on the land use compatibility findings included in the permit record.

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| ISSUED TO:  <Company Legal Name>  <Mailing Address>  <City, State, Zip> | INFORMATION RELIED UPON:  Application No.: 0  Date Received: <mm/dd/yy> |
| PLANT SITE LOCATION:  <Street Address>  <City, County, Zip Code> | LAND USE COMPATABILITY STATEMENT:    Approving Authority: <Name>  Approval Date: <mm/dd/yy> |
|  | PERMIT PREVIOUSLY ISSUED TO:  <Company legal name> |

**ISSUED BY THE DEPARTMENT OF ENVIRONMENTAL QUALITY**

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Air Quality Manager Dated

Source(s) Permitted to Discharge Air Contaminants (OAR 340-216-0020):

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| **Table 1 Code** | **Source Description** | **SIC** |
| Part A, 4 | Crematory incinerators with less than 20 tons per year material input. | 4953 |

# STATEMENT OF PURPOSE

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| 1 | **Permitted Activities** | The permittee is allowed to discharge air contaminants from processes and activities related to the air contaminant source(s) listed on the first page of this permit until this permit expires, is modified, revoked or rescinded as long as the permittee complies with the conditions of this permit. |

# EMISSION STANDARDS AND LIMITS

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| Production limits | The permittee is prohibited from cremating 20 or more tons of material per year without first applying for and being assigned to a General Air Contaminant Discharge Permit AQGP-012. |
| Visible emission limits | No visible emissions may be present except for one 6 minute period per hour of not more than 20% opacity as measured by EPA Method 9. |
| Particulate Matter Emissions | Particulate matter must not exceed 0.080 grains per dry standard cubic foot of exhaust gases corrected to 7% O2 at standard conditions. |
| Work Practices | The permittee may not burn any material other than human and/or animal bodies and materials normally used in cremations in the incinerator(s). No other waste, including infectious waste as defined in OAR 340-230-0030 may be incinerated unless approved in advance by DEQ. |
| Temperature Requirements | The permittee must comply with the following standards: |
| For incinerators installed prior to March 13, 1993, the exit temperature at the final chamber must be at or above 1600°F with a residence time of at least 0.5 seconds. The temperature in the final chamber must be 1200°F prior to igniting the primary burner. |
| For incinerators installed or modified on or after March 13, 1993, the exit temperature at the final chamber must be at or above 1800°F with a residence time of at least 0.5 seconds. The temperature in the final chamber must be 1400°F prior to igniting the primary burner. |
| Operator Training | The incinerator(s) must be operated at all times under the direction of individuals who have received training necessary for proper operation. The following must be available on-site at all times for DEQ inspection: |
|  | A description of a DEQ approved training program. New facilities must submit a description of the operator training program to DEQ for approval within 60 days after the permit is assigned. |
|  | A written statement signed by each operator stating that the operator has undergone and understood the training program. |
| Fugitive Emissions | The permittee must take reasonable precautions for preventing fugitive dust emissions. |
|  | The permittee must prepare and implement site-specific plans for the control of fugitive emissions in accordance with OAR 340-240-. |
|  | The permittee must prepare and implement an operation and maintenance plan in accordance with OAR 340-240-. |
| Particulate Matter Fallout | The permittee must not cause or permit the emission of any particulate matter larger than 250 microns in size at sufficient duration or quantity, as to create an observable deposition upon the real property of another person. |
| Nuisance and Odors | The permittee must not cause or allow air contaminants from any source to cause a nuisance. Nuisance conditions will be verified by DEQ personnel. |
| Other Regulations | In addition to the specific requirements listed in this permit, the permittee must comply with all other legal requirements enforceable by DEQ. |

# COMPLIANCE DEMONSTRATION AND MONITORING

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| Visible Emissions and Particulate Matter Emissions | The permittee must demonstrate compliance with the visible emissions and particulate matter emission standards contained in Conditions 2.2 and 2.3: |
| a. If the source is a new crematory incinerator; |
| b. If the source violates the requirements of Conditions 2.2 or 2.3; or |
| c. At DEQ’s request. |
| Compliance Demonstration Procedures | As proof of compliance, the permittee may submit to DEQ: |
| a. A source test conducted in accordance with DEQ’s Source Sampling Manual; or, |
| b. The results of testing performed on a crematory incinerator that DEQ agrees is comparable to the incinerator in question. |
| Temperature Monitoring Requirement | All crematory incinerators must operate and maintain continuous monitoring for final combustion chamber exit temperature. The monitoring device must be installed and operated in accordance with the manufacturer’s instructions, and must be located in an area of the secondary combustion chamber that will allow evaluation of compliance with temperature requirements in Condition 2.5. |

# RECORDKEEPING AND REPORTING REQUIREMENTS

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| Records | The permittee must maintain records of the following information for at least five years from the date of the record: |
| All records associated with continuous temperature monitoring data, including, but not limited to, original data sheets, charts, calculations, calibration data, production records and final reports. |
| The tons of material incinerated each calendar month. |
| Reports | The permittee is required to report to DEQ by **February 15th** of each year the amount of material crematedduring the previous calendar year. |
| Permit Renewal | An application to renew the permit is due <date>. |
| Construction or Modification Notices | The permittee must notify DEQ before adding new or modifying existing equipment to the extent that process equipment is substantially changed or added to, or emissions are significantly changed or increased. |
| Notice of Change of Ownership or Company Name | The permittee must promptly notify DEQ of any change of mailing address, company name, or plant ownership. The permit will expire 60 days after a change in the legal entity owning/operating the facility unless application, with appropriate fees, is made to transfer the permit to the new entity. |
| Where to Send Reports and Notices | The reports and notices, with the permit number prominently displayed, must be sent to the regional office identified on the cover page of the permit. |

# Fees

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| Fees | The Annual Fee specified in OAR 340-216-8020, Table 2, Part 2 for a Basic ACDP is due on **December 1** of each year this permit is in effect. An invoice indicating the amount, as determined by DEQ regulations, will be mailed prior to the above date. |

# General Conditions

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| Masking of Emissions | The permittee must not cause or permit the installation of any device or use any means designed to mask the emissions of an air contaminant that causes or is likely to cause detriment to health, safety, or welfare of any person or otherwise violate any other regulation or requirement. |
| Open Burning | The permittee may not conduct any open burning except as allowed by Division 264 of OAR Chapter 340. |
| Asbestos | All activities involving asbestos-containing materials, including, but not limited to, demolition, renovation, repair, construction, and maintenance must be performed by persons certified for asbestos abatement projects. Accumulation of asbestos containing material is prohibited. If you have asbestos questions, contact the regional DEQ office identified below. |
| Permit Availability | The permittee must have a copy of the permit available at all times. |
| DEQ Inspections | The permittee must allow DEQ representatives access to the plant site and pertinent records at all reasonable times for the purposes of performing inspections, surveys, collecting samples, obtaining data, reviewing and copying air contaminant emissions discharge records and conducting all necessary functions related to this permit in accordance with ORS 468.095. |
| Legal Disclaimers | The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. |
| Permit Revocation | This permit is subject to revocation for cause as provided in OAR 340-216-0082. |
| DEQ Contact | Call the Air Quality Section of the  regional office in at . |