

Model General Permit (MGP) Qualifying Criteria Document

Source Description: Human crematories with a rated capacity of greater than or equal to 100 lbs/hr, but less than or equal to 200 lbs/hr.

MGP Number: GP 23.1

A summary of the potential emissions expected from this source is as follows:

Potential Emissions (tons per year)							
PE	SO ₂	NO _x	CO	VOC	Lead	HCl	Mercury
0.28	0.47	0.78	0.64	0.065	0.0020	0.79	0.0062

Qualifying Criteria:

Answer the following questions by checking the appropriate box with the choice that describes the human cremation unit you plan to install and operate. Then review the qualifying criteria described after the list.

- Yes No 1. Is the cremation unit rated design capacity equal to or greater than 100 pounds per hour, but less than or equal to 200 pounds per hour?
- Yes No 2. Is the cremation unit fired with natural gas, propane or butane only?
- Yes No 3. Was the cremation unit installed or modified after August 3, 2006?
- Yes No 4. Does the cremation unit include a secondary combustion chamber/afterburner?
- Yes No 5. While in operation, will the temperature of the secondary combustion chamber/afterburner be maintained at or above the manufacturer's recommended temperature or 1,600 degrees Fahrenheit absent a manufacturer's recommended temperature?
- Yes No 6. Is the secondary combustion chamber/afterburner gas retention time at least one second?
- Yes No 7. Is the cremation unit's exhaust stack vertical and at least four feet higher than the tallest portion of the building?

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- Yes No 8. Is the cremation unit's exhaust stack free of obstructions to the vertical flow of the exhaust gases (e.g., no rain caps, horizontal exhaust, etc.)?
- Yes No 9. Is the cremation unit's exhaust gas temperature at least 750 degrees Fahrenheit?
- Yes No 10. Is the cremation unit's exhaust gas flowrate at least 1,200 actual cubic feet per minute?
- Yes No 11. Will the facility comply with all emissions limitations, operational restrictions, monitoring, recordkeeping, reporting, and compliance testing or compliance demonstration requirements contained in this model general permit?
- Yes No 12. Will this cremation unit be used to incinerate any "medical/infectious waste" as defined in 40 CFR Part 62, Subpart HHH?

If the answer to questions 1 through 11 are yes and question 12 is no, the crematory meets the above "Qualifying Criteria." By signing below, the owner or operator affirms that the listed criteria are met, and assumes personal liability under applicable state laws forbidding false or misleading statements.

All new installation and Chapter 31 modification crematory permits are required to be issued draft to allow a 30-day comment period by the public before final permit issuance.

Authorized Signature [for facility as defined by OAC rule 3745-31-04(B)] Date

Title