



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

GENERAL PLAN APPROVAL AND/OR GENERAL OPERATING PERMIT  
APPLICATION INSTRUCTIONS

**General Permit BAQ-GPA/GP-14: Human or Animal Crematories**

**GENERAL INFORMATION**

1. The owner or operator of any crematory proposing to operate under the general plan approval and/or operating permit (BAQ-GPA/GP-14) must comply with the terms and conditions specified therein. Failure to comply with the applicable laws, rules and regulations and terms and conditions of this General Permit, for any reason, is grounds for the revocation or suspension of the permittee's authorization to operate under BAQ-GPA/GP-14.
2. BAQ-GPA/GP-14 may not be used for the installation of a crematory where the emission increases from the installation of the new crematory and other emission increases that have occurred at the facility would subject the owner or operator to the requirements specified in 25 *Pa. Code*, Chapter 127, Subchapter D (relating to prevention of significant deterioration) or 25 *Pa. Code*, Chapter 127, Subchapter E (relating to new source review). Guidance in this regard may be obtained by contacting the appropriate Regional Office of the Department.
3. BAQ-GPA/GP-14 applies to any crematory fueled by natural gas, propane or commercial fuel oils which are No. 2 or lighter, and which meet the applicable sulfur requirements for commercial fuel oil.
4. An applicant requesting authorization to use BAQ-GPA/GP-14 may either perform a stack test during initial operation or provide results of a recent stack test, performed, within five (5) years on an identical crematory to meet the sampling and testing requirements prescribed in Condition 7 of this General Permit.
5. BAQ-GPA/GP-14 may not be used for units burning hospital, medical, radioactive, infectious, or municipal/industrial/hazardous wastes or animals from commercial or medical experimentation.
6. An applicant requesting authorization to use BAQ-GPA/GP-14 must fulfill the compliance review form requirements in 25 *Pa. Code* Section 127.412 (relating to compliance review forms).
7. Authorization to use BAQ-GPA/GP-14 is granted for a term of five (5) years. The application fee schedule is described in Condition 19 of the General Permit. An application for renewal of the General Permit and the renewal fee must be submitted thirty (30) days prior to expiration of the General Permit.
8. The application and fees must be submitted to the appropriate Regional Office.

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9. Authorization to use BAQ-GPA/GP-14 may not be transferred to another crematory owner or operator. The new owner of the crematory shall submit a new application and fees to the Department as described in Condition 19 of the General Permit for human or animal crematories.
10. If the crematory at the facility cannot be regulated in accordance with the requirements of BAQ-GPA/GP-14, the owner or operator must apply for a plan approval pursuant to 25 Pa. Code Chapter 127, Subchapter B (relating to plan approval requirements).
11. **Crematories for which Construction Commenced after April 17, 1989** – The applicant shall provide design calculations to confirm a sufficient volume in the secondary chamber and any additional refractory-lined volume, excluding the primary chamber volume to provide for at least a 1.0 second gas residence time at 1800 °F. The thermocouple must be located at the exit from the total volume included in the residence time calculation.  
  
**Crematories for which Construction Commenced on or before April 17, 1989** – The applicant shall provide design calculations to confirm a sufficient volume in the secondary chamber and any additional refractory-lined volume, excluding the primary chamber volume to provide for at least a 1.0 second gas residence time at 1600 °F. The thermocouple must be located at the exit from the total volume included in the residence time calculation.
12. The application requesting authorization to use BAQ-GPA/GP-14 shall contain a drawing of the unit showing the combustion chambers, burners, thermocouples, exhaust, etc.