



COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
BUREAU OF AIR QUALITY

**GENERAL PLAN APPROVAL & GENERAL OPERATING PERMIT APPLICATION**

**General Permit BAQ-GPA/GP-22: Landfill Gas-fired Simple Cycle Turbine(s)**

**SECTION A. APPLICATION USER INFORMATION**

**This application is for:**

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> New authorization          | <input type="checkbox"/> Renewal authorization         | <input type="checkbox"/> Both a General Plan Approval & General Operating Permit |
| <input type="checkbox"/> General Plan Approval Only | <input type="checkbox"/> General Operating Permit Only | <input type="checkbox"/> Turbine Core Replacement                                |

**SECTION B. OWNER INFORMATION**

**Owner's name and tax ID** \_\_\_\_\_

**Address Line1** \_\_\_\_\_

**Address Line2** \_\_\_\_\_

**City State Zip+4** \_\_\_\_\_ **Phone** \_\_\_\_\_

**SECTION C. CONTACT INFORMATION**

**Contact Name** \_\_\_\_\_

**Contact Title** \_\_\_\_\_

**Address Line1** \_\_\_\_\_

**Address Line2** \_\_\_\_\_

**City State Zip+4** \_\_\_\_\_ **Phone** \_\_\_\_\_

**SECTION D. FACILITY INFORMATION**

**Facility Name** \_\_\_\_\_

**Proposed Address Line1** \_\_\_\_\_

**Proposed Address Line2** \_\_\_\_\_

**Municipality** \_\_\_\_\_ **County** \_\_\_\_\_

**Date Municipality Notified** \_\_\_\_\_ **(Include proof of notification)**

**SECTION E. TURBINE(S) INFORMATION**

Use extra pages as needed

	Turbine(s)	Turbine(s)	Turbine(s)	Turbine(s)
# Of Units				
Manufacturer				
Model#				
Date Installed				
Date of Manufacture				
Capacity (BHP) each				
Capacity MMBtu/Hr				
Hrs/Day Operation				
Hrs/Year Operation				

**SECTION F. TURBINE(S) EMISSIONS INFORMATION**

NOx (ppmvd @ 15%O <sub>2</sub> )   (lbs/hr)   TPY				
CO (ppmvd @ 15%O <sub>2</sub> )   (lbs/hr)   TPY				
NMOC (ppmvd @ 3% O <sub>2</sub> )   (lbs/hr)   TPY				
SO <sub>2</sub> (ppmvd @ 15%O <sub>2</sub> )   (lbs/hr)   TPY				
PM (gr/dscf @ 15% O <sub>2</sub> )   (lbs/hr)   TPY				

<b>Compliance Demonstration Methods</b>	<input type="checkbox"/> Performance stack testing	<input type="checkbox"/> Department Approved Portable Analyzer	<input type="checkbox"/> Other as approved by the Department		
<b>SECTION G. OPERATING PARAMETERS</b>					
Volume of gases exhausted	(ACFM)	@	°F	Moisture	%
Describe fully with a sketch giving locations of equipment, controls systems, important parameters and method of operation.					
Describe the warning/alarm system that protects against operation when unit is not meeting design requirements.					
<b>SECTION H. TURBINE CORE REPLACEMENT</b> Use extra pages as needed					
Engine Manufacturer		Replacement Turbine Core Manufacturer			
Engine Model #		Replacement Turbine Core Model #			
Engine Serial #		Replacement Turbine Core Serial #			
Date of Manufacture of the Engine		Date of Manufacture of the Replacement Turbine Core			
Is this replacement turbine core an identical or a lower emitting core		<input type="checkbox"/> Yes (Submit supporting documents in accordance with Condition 6)	<input type="checkbox"/> No		
<b>SECTION I. PERMITS INFORMATION</b>					
<b>Is this turbine currently permitted?</b>		<input type="checkbox"/> Yes (Attach copy of current permit)	<input type="checkbox"/> No		
Air Quality Permit #					
<b>Is this facility currently permitted?</b>		<input type="checkbox"/> Yes (Attach copy of current permit)	<input type="checkbox"/> No		
Indicate if addition of the turbine(s) may result in any of the followings		<input type="checkbox"/> New Source Review	<input type="checkbox"/> Exceed Title V thresholds	<input type="checkbox"/> Not Applicable	
		(Attach summary)	(Attach summary)		
<b>SECTION J. APPLICANT'S CHECKLIST</b>					
<b>I have enclosed the following:</b>					
<input type="checkbox"/> General Information Form (GIF) (For new plant only)		<input type="checkbox"/> Compliance Review Form			
<input type="checkbox"/> Permit Fee for new or renewal of authorization; OR		<input type="checkbox"/> Fee for change in location			
<b>SECTION K. AFFIDAVIT</b>					
I certify that, subject to the penalties of Title 18 Pa. C.S.A. Section 4904 and 35 P.S. Section 4009(b)(2), I am the responsible official having primary responsibility for the design and operation of the facilities to which this application applies and that the information provided in this application is true, accurate and complete to the best of my knowledge, information and belief formed after reasonable inquiry. I further certify that the facility will be operated in conformity with all limitations and conditions of the Landfill Gas-fired Turbine General Permit (BAQ-GPA/GP-22).					
<b>Signature</b>				<b>Date</b>	
_____				_____	
<b>Typed/Printed Name</b>					
_____					