

Gas Design Registration Sub-Form: Digester and Landfill

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Note: Any personal information collected is handled in accordance with the British Columbia *Freedom and Protection of Privacy Act*. If you have questions about the collection, use, or disclosure of this information, contact the Records, Information and Privacy Analyst for the Technical Safety BC at 1-866-566-7233.

Please note: Designs may be submitted electronically by e-mail or mailed in on a data CD or data DVD. All electronic documents must be in PDF or Word formats and scans must be legible. Picture files need to be in standard formats and must be clear. Hard copy submissions shall include two copies of all data. Designs must be made by a Certified Professional acceptable to the Authority.

Please fill in the basic information and supply the following applicable listed information on this form.

Note: Non certified equipment must be evaluated on a separate design registration.

- Waste treatment site Landfill site Farm Bio waste site Bio waste collection facility

Please check all that apply on site (use drop down box to indicate its state) :

<input type="checkbox"/> Digesters		<input type="checkbox"/> Micro turbine	
<input type="checkbox"/> Gas filtration assembly		<input type="checkbox"/> Generator	
<input type="checkbox"/> Gas storage vessel		<input type="checkbox"/> Boilers	
<input type="checkbox"/> Gas transmission to other site		<input type="checkbox"/> Compressors	
<input type="checkbox"/> Flair stack		<input type="checkbox"/> Other (specify below)	

- Digester tank size _____ Liters Gallons Gas storage tank size _____ Liters Gallons
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Drawings

- Site layout P&ID showing classified zones and clearances, protection, layout specifications of tank, piping and equipment
- Show location of E stops, and fire protection and gas detection where required
- Where PLC or DCS control is incorporated provide ladder logic and narrative

Specification information sheets

- Valve, component and control specifications, ratings and certification
(cut sheets may be used but must be marked up to indicate the specific variations employed)
- Include all CRN's for tanks, vessels and piping as required in the Boiler and Pressure Vessel Regulations
- Proof of Electrical Approval on panels and components
- Operating manuals as required

Please Note:

Codes adopted by regulation that apply are B149.1, B149.2, B149.3, B149.6, Z662, B51, B31.3