

Sub Form for Gas Design Registration: Control Change or Upgrade

Payment Card Industry Data Security Standards prevent the use of credit card information sent through email or fax. A Client Service Representative will contact you within three business days to complete any payment process required.

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.

Type of Appliance:			Model No.:			
Manufactured by:						
Maximum Input:		Minimum Input:		<input type="checkbox"/> BTUH	<input type="checkbox"/> KW	<input type="checkbox"/> Not Modified
Main Supply Pressure:		<input type="checkbox"/> PSI	<input type="checkbox"/> kPa	<input type="checkbox"/> inches W.C.	<input type="checkbox"/> Not Modified	
Burner / Manifold Operating Pressure		<input type="checkbox"/> PSI	<input type="checkbox"/> kPa	<input type="checkbox"/> inches W.C.	<input type="checkbox"/> Not Modified	
Specify the codes and standards used in your design beside the use of the CSA B149.1 and CSA B149.3 :						
Please list and separate by comma in the right hand box provided.						
Type of gas:	<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Propane	<input type="checkbox"/> Bio Gas	<input type="checkbox"/> LNG	<input type="checkbox"/> Hydrogen Liquid	
	<input type="checkbox"/> Hydrogen Compressed	<input type="checkbox"/> CNG	<input type="checkbox"/> Hybride Mix	<input type="checkbox"/> Butane	<input type="checkbox"/> Methane	

Please submit the following information:

Drawings

- | | |
|--|---------------------------------------|
| <input type="checkbox"/> 1. Valve train showing components and identify new components | <input type="checkbox"/> Not Modified |
| <input type="checkbox"/> 2. Electrical/control ladder schematics showing modifications | <input type="checkbox"/> Not Modified |
| <input type="checkbox"/> 3. Service and combustibile clearance information | <input type="checkbox"/> Not Modified |

Specification information sheets:

- | | |
|--|---------------------------------------|
| <input type="checkbox"/> 4. Purge Calculations | <input type="checkbox"/> Not Modified |
| <input type="checkbox"/> 5. Sequence of Operation including details of Safety Interlocks and their settings | <input type="checkbox"/> Not Modified |
| <input type="checkbox"/> 6. Proof of Electrical Approval | |
| <input type="checkbox"/> 7. Valve, component and control specifications, ratings and certification for new components
*****cut sheets may be used but must be marked up to indicate the specific variations used***** | |
| <input type="checkbox"/> 8. When package power burners are employed the manufactures installation manual shall be included. | |
| <input type="checkbox"/> 9. Installation and Operating manuals. Modify as required. | |

When FARC, BMS, PLC, DCS controls are employed:

- Control modified or added: FARC PLC BMS DCS New flame safeguard
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| <input type="checkbox"/> 10. Show compliance to the applicable sections 9.7 and annex D of the B149.3 code |
| <input type="checkbox"/> 11. Specify make and model and specifications including its certification |

Note: At time of commissioning a digital copy shall be issued to the safety officer as one of the conditions of acceptance

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|---|
| <input type="checkbox"/> 12. Ladder logic and narrative. Set points, operating range values and trip values |
| <input type="checkbox"/> 13. Programming password for file purposes |
| <input type="checkbox"/> 14. Code compliance check off sheet |
| <input type="checkbox"/> 15. Supply all completed variances for your design |

Technical Safety BC is working towards going paperless! Participate by signing up for email correspondence.