

July 1, 2013

**VAR-GAS-01-13**

File number 16570-G01

### **ENGINEERED DESIGNS FOR SITE SPECIFIC GAS-FIRED PROCESS EQUIPMENT**

This variance applies to Alberta Oil and Gas Industry for Gas-Fired Equipment used for Process Applications in Petroleum Refineries, Petrochemical Plants and Upstream Oil and Gas sites.

This Variance is issued to cover Engineered Designs of uncertified Site Specific equipment, components, accessories where gas is to be used for fuel purposes for non-certified process gas-fired equipment of all heat inputs for which there is no approved standard.

Installations of "non-certified process gas-fired equipment" in Alberta shall comply with the *Safety Codes Act*, referenced Regulations, adopted gas Codes and Standards, and the guidelines described in the Gas Safety Information Bulletin Standata G-02-13.

### **PROVINCE WIDE VARIANCE**

Under the authority of the Safety Codes Act, Chapter S-1 section 38(1).

### **Section 3 of the Gas Code Regulation (AR 111/2010) states:**

3(1) No person shall manufacture, install, sell or offer for sale any equipment related to gas systems for use in Alberta unless the equipment has been

- (a) tested and certified by a certification body accredited by the Standards Council of Canada, or
- (b) inspected and accepted by a certification body accredited by the Standards Council of Canada, and the equipment bears evidence of having been accepted in a manner authorized by the certification body, or

The above clause is varied to include the following;

3(1) (c) inspected and accepted by an inspection body accredited by the Standards Council of Canada, and the equipment bears evidence of having been accepted in a manner authorized by the inspection body, or

- (d) inspected and accepted by a Professional Engineer and;
  - the gas-fired process equipment bears a permanent rating plate compliant with CSA B149.3-10, supported with a stamped engineering report including the design and safety characteristics, as well as, a review of installation, commissioning and start-up records of the equipment;
  - the designs of the Professional Engineer shall be signed, sealed/stamped, dated and conform to the Gas Code Regulation, including the CSA B149.1-10, B149.2-10, B149.3-10 Codes, and the guidelines as described in Gas Safety Information Bulletin Standata G-02-13.

This variance does not make or imply any assurance or guarantee with respect to life expectancy, durability or performance of equipment and materials.

To ensure that this variance is reviewed for ongoing relevancy and necessity, with the option that it may be reissued in its present or amended form following a review, this variance expires on **June 30, 2015**.

**Non-Compliance with the instructions contained in this variance is an offence under the Safety Codes Act.**