

Field Approval Code FA-2012

The TSSA Field Approval Code FA-2012 will become effective on December 1, 2012 and will replace the previous document issued in 2005.

The Gaseous Fuels, Propane and Fuel Oil Code Adoption Documents (CADs) adopt the TSSA Field Approvals TSSA FA-2012 which in turn adopts either in whole or in part:

- CSA B149.3-10 Code for the Field Approval of Fuel-Related Components on Appliances and Equipment published in 2010 with amendments;
- National Fire Protection Association NFPA 85-2011 Boiler and Combustion Systems Hazards Code with amendments; and
- National Fire Protection Association NFPA 86-2011 Standard for Ovens and Furnaces with amendments.

This TSSA Field Approval Code was developed in consultation with the TSSA Field Approvals Risk Reduction Group (RRG). The RRG members include representatives from CSA, gas distributors, consultants, service providers, end users and consumer representatives. The CSA B149.3 committee on the other hand includes representatives from provincial and territorial authorities with mandates that are similar to TSSA along with other national industry organisations, equipment manufacturers and service providers.

Some of the more substantial changes in the TSSA-FA-2012 include:

- 3.1 Change in requirements on the type and number of safety shut-off gas valves used for a particular firing rate range - for both single and multiple burners appliances. This will further harmonise the requirements for appliances build in Canada and USA;
- 3.2 Requirements for linkageless fuel/air ratio controllers;
- 3.3 Replacement of term “relief valves” with “overpressure protection devices” to allow use of monitoring regulators and over pressure cut-off devices;
- 3.4 Updating the method for determining solvent safety ventilation rate for class A continuous process ovens as per the NFPA 86;
- 3.5 Introducing approval requirements for boilers fired on digester gas, landfill gas and biogas;
- 3.6 Updating approval requirements for PLCs when used as primary safeguard devices; and,
- 3.7 Expanding the content of an appliance rating plate for fuel oil appliances.

This Code along with the relevant regulations and the Technical Standards and Safety Act are posted on the TSSA website: www.tssa.org. The most current edition of the CSA B149.3-10 can be found on CSA Group’s online store. To purchase these go to www.csa.ca/tssa or call (877) 893-8345.