

Safety Codes Services Newsletter

Planning & Development Services

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Gas, Plumbing, and Heating

1. **Energy Codes are enforceable effective November 1, 2016.** Safety Codes Services have been working to modify our existing paperwork to accommodate the new Energy Codes. Many questions have been asked regarding the installation of new or replacement Gas-fired appliances. The application of 2014 Alberta Building Code is clarified in the following articles.

1.1.1.1. Application of this Code

m) the installation, replacement, or *alteration* of equipment regulated by this Code,

9.31.1.1(4) – Systems used for service water heating shall conform to the energy efficiency requirements in Section 9.36.

9.32.1.1(4) – Systems used for ventilation shall conform to the energy efficiency requirements in Section 9.36.

9.33.1.1(4) – Systems used for heating and air-conditioning shall conform to the energy efficiency requirements in Section 9.36.

Effective immediately, the replacement, alterations, and installations of Gas-fired Appliances shall conform to the appropriate tables in Section 9.36.

- HVAC equipment shall conform to Table 9.36.3.10. This includes all new and/or replacement furnaces and air-conditioners.
- NG&P fireplaces shall be direct vent and pilot-on-demand, interrupted or intermittent ignition systems without a standing pilot light. This includes all new and/or replacement gas-fired fireplaces.
- Service Water Heating Systems shall conform to Table 9.36.4.2. This includes all new and/or replacement hot water heaters.

These requirements shall be enforced for both new construction and all the replacement of existing gas-fired appliances. Gas permits are required for the installation of any gas-fired appliances that involve alterations to the gas piping or venting systems.

As a reminder, Heating or Gas permits are not required for the installation or replacement of air-conditioning units. **Although permits are not required, the work must still comply with the Energy Efficiency requirements of the 2014 Alberta Building Code.**