



DIRECTIVE

INTERNAL COMBUSTION ENGINES, TURBINES AND OTHER PRIME MOVERS

This directive is being issued by a provincial safety manager pursuant to section 30 of the Safety Standards Act.

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General Details

This directive specifies which portions of an internal combustion engine, turbine or other prime mover installation are within the jurisdiction of the regulation and the installation codes to which they must conform.

Specific Details

Section 3 (d) of the Gas Safety Regulation exempts internal combustion engines, turbines and other prime movers from the requirements of the regulation; these types of gas appliances do not have to be certified nor do they require permits. This exemption applies to the engine, turbine or prime mover only, the gas supply piping, combustion air supply, storage containers and exhaust venting for these types of appliances are not exempted and must comply with the regulation and applicable codes.

Gas piping and exhaust venting for stationary equipment requires installation permits and must be installed by a licensed gas contractor. Vehicle fuel systems other than those approved by Transport Canada under the *Motor Vehicle Safety Act* (Canada), must be installed by a holder of an operating permit for the installation of vehicle fuel systems.

Stationary engine and turbine installations must comply with the requirements of CSA B149.1 for the supply piping, combustion air supply and exhaust venting. Propane storage must comply with CSA B149.2. Vehicle installations must comply with CSA B109 for natural gas and CSA B149.5 for propane.

Brad Wyatt
Provincial Safety Manager - Gas

References:

Gas Safety Regulation
CSA B149.1 - Natural gas and propane installation code
CSA B149.2 - Propane storage and handling code
CSA B149.5 - Installation code for propane fuel systems and containers on motor vehicles
CSA B109 - Natural gas for vehicles installation code

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