



SAFETY NOTICE



Safety Notice Number: **0000012**

Issued **August 28, 2024** by **Paul Fowler, Chief Fuel Inspector, Fuel Safety**
Department of Labour, Skills and Immigration

Hydrogen Blends – Regulatory Scope

Legal information

[Technical Safety Act](#) and [Fuel Safety Regulations](#)

Summary

The Technical Safety Division of the Safety Branch of the Department of Labour, Skills and Immigration has verified the regulatory compliance of a local natural gas utility's plan to blend up to 5% hydrogen into the existing Halifax area natural gas network in 2026. Technical Safety's verification of compliance with applicable legislation, regulations and safety standards will continue for the design, build, and operational phases of this project.

The *Technical Safety Act* and Fuel Safety Regulations state a gas appliance, container or equipment cannot be installed, used, repaired, serviced or maintained unless it is certified. An appliance, container, or equipment for gas, ceases to be certified when it is used for a purpose other than the purpose it was certified.

The Fuel Safety unit has reviewed the utility's plan, applicable regulations, safety impacts, existing natural gas appliance certifications and other projects in jurisdictions across the country and has verified the plan meets regulatory compliancy for 5% hydrogen blend rates in existing installed appliances in the Halifax area serviced by natural gas.

With the passing of the [Environmental Goals and Climate Change Reduction Act](#), the Province of Nova Scotia has set goals to reduce greenhouse gas emissions by 53% below 2005 levels by 2030 and is committed to net-zero by 2050. The Province's Climate Change Plan for Clean Growth and Green Hydrogen Action Plan demonstrate the valuable role green hydrogen will play in our future energy system.

Anyone with questions or concerns regarding hydrogen blending in the existing natural gas networks should contact their natural gas provider.

Contact us

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