

This abstract will be presented during LNG2023 conference on 10-13 July in Vancouver, Canada among many other innovative projects, ideas and outlooks. LNG2023 will provide a unique platform for the global LNG industry and key stakeholders to discuss, debate, and showcase the latest industry developments and opportunities.



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CSA Z276:22, LIQUEFIED NATURAL GAS (LNG) - PRODUCTION, STORAGE, AND HANDLING

For 60 years, CSA Group has produced and led standards development related to petroleum and natural gas—serving the needs of industry, government, regulators, and the public—while helping safeguard the production, delivery, and storage of these important resources.

Canada is one of the world's largest producers and exporters of natural gas. The National Standard of Canada, CSA Z276:22, supports the safe production, storage, and handling of liquefied natural gas (LNG) to protect people, the environment, and property.

CSA Z276:22 establishes the essential requirements for the design, installation, and safe operation of facilities for the liquefaction of natural gas, as well as facilities for the storage, vaporization, transfer, handling, and truck transport of LNG. It also contains requirements for facilities that load or unload LNG from marine vessels. The provisions of the Standard apply to the design, siting, construction, operation, and maintenance of LNG facilities, their fire protection, safety, and security.

This paper introduces the CSA Petroleum and Natural Gas Program and provides an overview of development of 12th edition of CSA Z276. This includes a discussion on how it has been adopted and used by regulators and the industry, and how it's used in conjunction with related standards, the EXP 276.2 Design requirements for near shoreline floating liquefied natural gas and SPE 276.1 Design requirements for marine structures associated with LNG facilities.

To view the full conference agenda, visit <https://www.lng2023.org/lng-programme-overview>