

We are all aware of the uncertain economic times that have affected markets the world over. Of this you can be certain: ShawFlex is here with a quality product, short lead times, the lowest minimums on custom designed cables and especially for our unparalleled service.

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LNG

There has been much talk of late concerning Liquefied Natural Gas or LNG. As more projects for the processing, storage and transportation of LNG are springing up, a basic understanding of what all this means is in order.

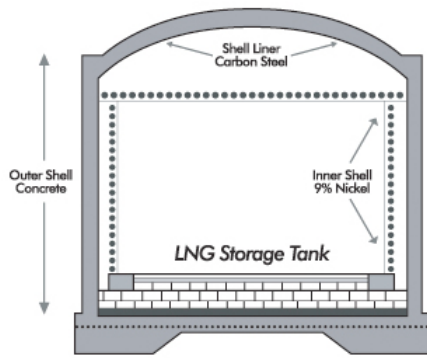
LNG is simply natural gas in a liquefied state. It is a clear, colourless, non-toxic liquid consisting primarily of methane with minute quantities of ethane, propane and other hydrocarbons. The gas is liquefied by cooling it to -162°C and it can be kept at normal atmospheric pressure in storage tanks that are similar in construction to thermos containers. The liquefaction reduces the volume of one cubic foot of gas at normal temperature and pressure to one six-hundredth of its original volume.



The regassification process warms the LNG in a controlled environment until it returns to its gaseous state. The gas is then transported in pipelines and distributed.

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Storing LNG is done in tanks that are specifically designed for this purpose. The tanks consist of

an internal layer of nickel steel, followed by a layer of concrete. Another layer of concrete is added around the inner structure as an extra failsafe.

Transporting LNG is done by ships designed for this specific purpose. The ships are double hulled and are capable of transporting the -162C LNG safely and efficiently. In over 40 years of operation, there has not been a major accident or safety problem.

There are a few LNG storage projects currently planned including Rabaska and Cacouna, both in Quebec, and the Canaport facility in New Brunswick which is nearly completed.

Trivia Corner

Last time, we returned to the tried and true mathematical teaser. Response was great so once again we will put those neurons to work.

The answer for the last question was F (4)

Answers were received from Ron Sutherland (Anixter Montreal), JC Khodeir (NCS Montreal), Philippe Lamoureux (Anixter Montreal), Eric Verreault (Metro Noramco), Line Blais (Anixter Quebec).

This time, we will move away from the mathematical and lean toward the conceptual.

What comes next in this sequence?

