

## **IMPORTANT NOTICE FOR FACILITIES CONTAINING CORRUGATED STAINLESS STEEL TUBING (CSST)**

Corrugated Stainless Steel Tubing (CSST) is thinner than traditional black iron gas pipelines and can be perforated when exposed to the high voltages associated with nearby lightning strikes. Perforation can lead to gas leakage and possible ignition.

The National Fire Protection Association (NFPA) has recently determined that the existing bonding requirements in the NFPA gas code (NFPA 54) do not provide adequate protection from lightning-induced surges and subsequent gas leakage.

For this reason, LPI strongly recommends that in facilities equipped with CSST the requirements of NFPA 54 should be supplemented by additional bonding between the CSST lines and the lightning protection system.

LPI and LPI-certified installers do not warrant that additional bonding will absolutely prevent perforation, given the inherent susceptibility of CSST. However, following these additional measures represents best practice until such time that technically-verified CSST product data is developed and test-based standard are adopted to remediate this threat.

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