



INDIVIDUALLY OWNED UNDERGROUND PROPANE TANK INFORMATION



COAST GAS UP performs cathodic testing of underground propane gas tanks

PROTECT YOUR UNDERGROUND PROPANE TANK

The primary goal is to ensure safe and compliant installation and maintenance of underground LP-Gas storage containers. This includes implementing corrosion protection systems, monitoring cathodic protection systems, and adhering to testing schedules outlined in NFPA 58 regulations. Ultimately, the aim is to prevent accidents, protect the environment, and safeguard public health and safety.

PRESERVING YOUR PROPANE TANK INTEGRITY

NFPA 58 Changes Regarding Underground LP-Gas Storage Container Installation (2011 Edition)

The 2011 edition of NFPA 58 introduced significant changes to the installation of underground LP-Gas storage containers. These changes affect all installations carried out during and after 2011. Specifically, they impact how we test and monitor cathodic protection systems.

The following contains essential information referenced in NFPA 58. However, it's important to note that this serves as a guide only. Individuals who own their underground propane tank are encouraged to conduct thorough research and take appropriate actions

TECHNICAL BRIEF

Key Requirements:

Corrosion Protection Systems:

Proper container coating

Sacrificial anode(s) or an impressed current system

A means to test the performance of the cathodic protection system (Reference: 5.2.1.11)

Monitoring Cathodic Protection Systems:

Cathodic protection systems shall be monitored by testing, and the results documented. (Reference: 6.6.6.1I, 6.6.6.1)

Testing Schedule for Sacrificial Anodes:

Sacrificial anodes installed shall be tested at specific intervals:

At the time of installation

12 to 18 months after the initial test (installation)

Follow-up testing performed at intervals not exceeding 36 months (Reference: 6.6.6.1)

Repairing Systems Failing Tests:

Systems failing a test shall be repaired promptly, and the testing schedule restarted.

Documentation of the results of the two most recent tests shall be retained. (Reference: 6.6.6.1)

Additional Guidelines from the 2014 Edition:

Containers shall be filled only after ensuring compliance with design, fabrication, inspection, marking, and requalification provisions of NFPA 58. (Reference: 7.2.2.8)

Containers shall not be filled if they are deemed unsuitable for continuous service. (Reference: 7.2.2.13)

Note: The reference sections and pages may vary depending on the edition of NFPA 58.

