Rosemount™ TankMaster™ Proof-Test Manager
Allows you to perform proof-tests remotely from the control room
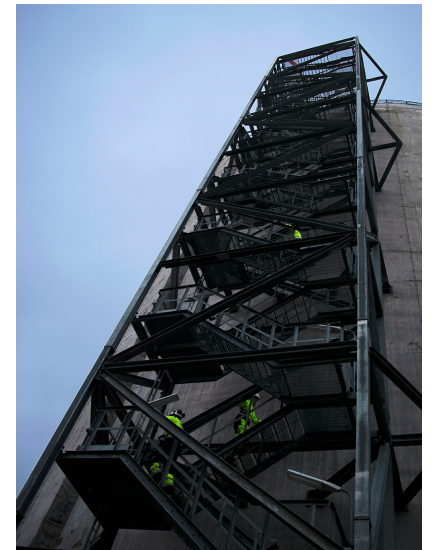
Improve **safety** and reduce risk of ***human errors*** with a comprehensive proof-test **solution**
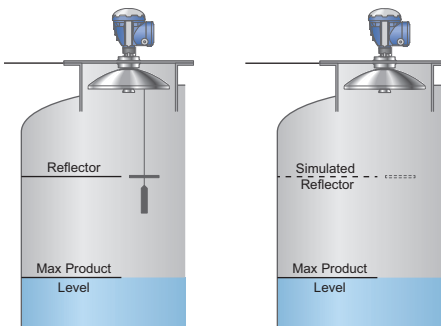

Proof-test challenges

Proof-testing is a critical part of a radar-based overfill prevention system. Comprehensive proof-tests, including filling tanks to safety limits, are often impractical, time consuming, and related to safety risks. They often affect tank operations and can cause costly down-time, which makes them expensive and difficult to perform.

Quick and safe automated solution

Reflector

Max Product Level

Simulated Reflector

Max Product Level

Rosemount 5900 Radar Level Gauges allow for simultaneous remote proof-testing and level measurements. Tanks that were previously difficult to proof-test during operations can now use the new innovative simulated reference reflector for this purpose.

- Perform safe proof-testing of the Rosemount Tank Gauging System remotely from the control room
- Proof-testing can be done either with a real or simulated reference reflector
- Use the wizard to step-by-step perform one or more comprehensive or partial proof-tests
- Get detailed automatically generated and stored reports for each proof-test
- Access proof-test history records
- Schedule proof-tests
- Customize checklists

Reduce risk of climbing high tanks when performing proof-tests from the control room.

How does it work?

The Rosemount 5900 Radar Level Gauge is designed with functionality that lets you proof-test high alarms and verify correct product surface measurement. The Rosemount 5900 gauge allows you to combine continuous product level monitoring with proof-testing at regular intervals. It is based on a dedicated reference reflector that introduces a radar echo at a predefined position in the tank.

EMERSON

The Rosemount TankMaster Inventory Management Software has advanced proof-testing support.

The built-in proof-test manager allows operators to perform proof-testing of the Rosemount Tank Gauging overfill prevention system safely, and remotely from the control room.

A wizard guides you step by step to perform one or several comprehensive, or partial, proof-tests.

A detailed report is automatically generated and stored for each proof-test. Additional features include proof-test history records, scheduling, and customized checklists.

Rosemount TankMaster Inventory Management Software has advanced built-in support for remote proof-testing which allows for both cost savings and a safer work environment.
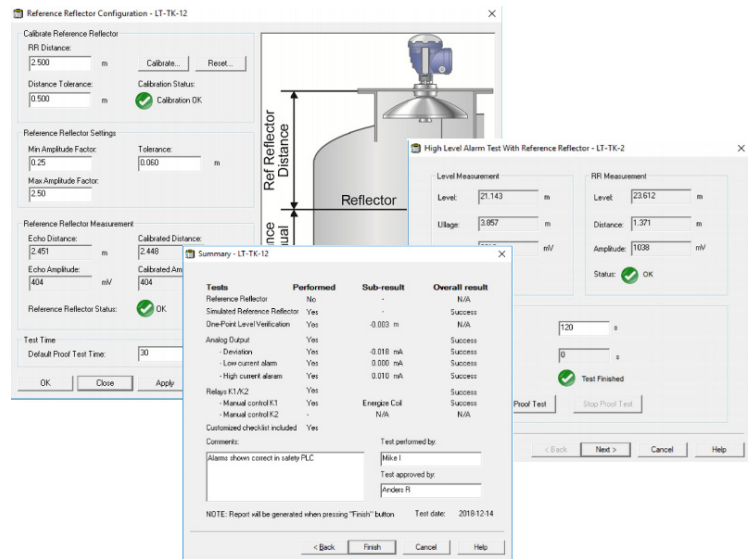
Benefits in practice

By using TankMaster, proof-tests can be performed more frequently because the impact on tank operation is minimal. No manual work, such as climbing tanks, disconnecting wires, or opening junction boxes is required, so the risk of human errors is drastically reduced.

Tanks that were previously difficult to proof-test during operations can now use the new innovative simulated reference reflector for this purpose. Proof-tests can therefor be done without any mechanical modifications, and at a very low cost.

Performing proof-tests remotely eliminates work in the field, saves a considerable amount of time and reduces the risk of human errors and personal injuries.

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