

# Requirements for Safe Entry and Cleaning of Petroleum Storage Tanks

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# Requirements for Safe Entry and Cleaning of Petroleum Storage Tanks

## 1 Scope

### 1.1 General

This standard is applicable to stationary atmospheric and low-pressure (up to and including 15 psig) aboveground petroleum storage tanks used in all sectors of the petroleum and petrochemical industry, including:

- crude oil and gas production,
- refining,
- petrochemicals,
- pipelines and terminals,
- bulk storage,
- ethanol facilities.

This standard provides requirements for safely planning, coordinating, and conducting tank entry and cleaning operations, from removal from service through return to service.

This standard does not and cannot cover every possible unique hazard or situation that may arise during tank cleaning operations. Site, product, and tank-specific hazards and situations must be addressed by employers using the appropriate principles and considerations provided for by this standard.

### 1.2 Non-applicability and Other Tank Cleaning Applications

This standard does not apply to the following types of tanks or vessels:

- pressure vessels and pressurized tanks exceeding 15 psig,
- cryogenic or refrigerated vessels or pressure tanks,
- vessels and tanks maintained under a vacuum,
- process vessels,
- underground storage tanks.

Although API Standard 2015 is not intended to cover these types of tanks and vessels, many of the safe tank cleaning and entry principles and requirements in this standard apply and should be considered.

## 2 Normative References

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

API Bulletin E2, *Bulletin on Management of Naturally Occurring Radioactive Materials (NORM) in Oil and Gas Production*