

Requirements for Safe Entry and Cleaning of Petroleum Storage Tanks

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Contents

	Page
1 Scope	1
1.1 General	1
1.2 Non-applicability and Other Tank Cleaning Applications	1
2 Normative References	1
3 Terms and Definitions	3
4 Administrative Controls and Procedures	13
4.1 General Requirements	13
4.2 Written Tank Cleaning/Entry Programs	14
4.3 Written Tank-specific Cleaning/Entry Plans	14
4.4 Regulatory Requirements	15
4.5 Tank Cleaning/Entry Overview	16
5 Preparing the Tank for Entry and Cleaning	19
5.1 Initial Preparation	19
5.2 Removal From Service	20
5.3 Isolating The Tank	20
5.4 Control of Ignition Sources	21
5.5 Vapor and Gas Freeing, Degassing, and Ventilating	23
5.6 Initial Tank Cleaning	24
6 Testing the Tank Atmosphere	24
6.1 Atmospheric Testing Procedures	24
6.2 Atmospheric Testing Instruments	24
6.3 Atmosphere Testing	25
7 Storage Tank Hazards	27
7.1 General	27
7.2 Oxygen Deficiency and Enrichment	27
7.3 Fire and Explosion Hazards	28
7.4 Toxic Substances	29
7.5 Physical and Other Hazards	32
7.6 Floating Roof Hazards	33
7.7 Heat Stress	33
7.8 Pyrophoric Iron Sulfide	34
7.9 Hazard Assessment	34
8 Personal Protective Equipment	34
8.1 Protective Clothing and Equipment	34
8.2 Respiratory Protection	35
9 Tank Cleaning/Entry Personnel	38
9.1 General	38
9.2 Entry Supervisors	39
9.3 Entrants	41
9.4 Attendants	42
9.5 Non-entry Supervisor Permit Issuers	43
10 Entering and Working Inside the Tank	44

Contents

	Page
10.1 General	44
10.2 Entry Permit	44
10.3 Floating Roof Stabilization	44
10.4 Heat Stress	47
10.5 Continuous Forced Air Ventilation	47
10.6 Tank Safe (Cold) Work, Maintenance, and Repairs	47
10.7 Undesirable Product, Sludge, and Residue Disposal	48
11 Hot Work and Tank Repairs	48
11.1 General	48
11.2 Hot Work Permits	49
11.3 Hot Work Hazards	50
11.4 Hot Work In Leaded Service Tanks	51
11.5 Fire Prevention	51
12 Emergency Planning	51
12.1 Emergency Response Plan	51
12.2 Outside Rescue Services	52
12.3 Employer Rescuers	53
12.4 Rescue Equipment	53
12.5 Other Emergencies	54
12.6 Medical Emergencies	54
13 Return To Service	55
13.1 General	55
13.2 Preparation	56
13.3 Refilling Tanks	56
13.4 Sampling and Gauging Tanks	57
13.5 Control of Ignition Sources	58
14 Training	58
14.1 General	58
14.2 Training Requirements	58
14.3 Training Verification	58
14.4 Qualification	58
Annex A (informative) Petroleum Storage Tank Hazards	59
Annex B (informative) Vapor Freeing and Degassing Procedures	88
Annex C (informative) Tank Cleaning and Floating Roof Stabilization	101
Annex D (Reserved for Future Use)	115
Annex E (informative) Oxygen, Combustible Gas, and Toxic Substance Testing Instruments	116
Annex F (informative) Safe Tank Entry for Activities Other than Tank Cleaning	121
Bibliography	135

Contents

	Page
Figures	
A.1 Lateral Movement of Floating Roof	82
A.2a Rim Space Blocking With Rim Wedges	82
A.2b Rim Space Blocking With Rim Jacks	82
A.3a Rotational Movement of Floating Roof	83
A.3b Spiral Collapse Caused by Floating Roof Rotation	83
A.4a Welded Blank Nuts, Shackles, and Chain-type Anti-rotation System	83
A.4b Manway-anchored Anti-rotation	83
A.4c Radial Beam and Anti-rotation Bracket System	83
A.6 Leg Kickout	84
A.6a Jack Post for Vertical Support	84
A.6b Timber for Vertical Support	84
A.6c Cribbing Stack for Vertical Support	84
A.7a Elevation Diagram Showing High-leg and Low-leg Positions	85
A.7b Improper Pinning (Leaving One Leg in High-Leg Position)	85
A.7c Improper Pinning (Leaving One Leg in Low-Leg Position)	85
A.8a Water Accumulation on Floating Roof	86
A.8b Water Accumulation in Floating Roof Pontoons	86
A.9 Liquid in the Floating Roof Panel Sections	86
A.10 Concentrated Loads of Staged Materials	87
A.11 Vacuum or Uplift on Floating Roof from Venting	87
A.12 Working Under Suspended Load	87
C.1 Example of Eductors Used for Tank Agitation	102
C.2 Example of Water Balancing	103

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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 shall 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*