

# Requirements for Safe Entry and Cleaning of Petroleum Storage Tanks

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## Contents

	Page
<b>1 Scope</b> .....	<b>1</b>
<b>1.1 General</b> .....	<b>1</b>
<b>1.2 Non-applicability and Other Tank Cleaning Applications</b> .....	<b>1</b>
<b>2 Normative References</b> .....	<b>1</b>
<b>3 Terms and Definitions</b> .....	<b>3</b>
<b>4 Administrative Controls and Procedures</b> .....	<b>14</b>
<b>4.1 General Requirements</b> .....	<b>14</b>
<b>4.2 Written Tank Cleaning/Entry Programs</b> .....	<b>14</b>
<b>4.3 Written Tank-specific Cleaning/Entry Plans</b> .....	<b>14</b>
<b>4.4 Regulatory Requirements</b> .....	<b>15</b>
<b>4.5 Tank Cleaning/Entry Overview</b> .....	<b>16</b>
<b>4.6 API Recommended Practice 2016</b> .....	<b>19</b>
<b>5 Preparing the Tank for Entry and Cleaning</b> .....	<b>19</b>
<b>5.1 Initial Preparation</b> .....	<b>19</b>
<b>5.2 Removal From Service</b> .....	<b>20</b>
<b>5.3 Isolating The Tank</b> .....	<b>21</b>
<b>5.4 Control of Ignition Sources</b> .....	<b>22</b>
<b>5.5 Vapor and Gas Freeing, Degassing, and Ventilating</b> .....	<b>23</b>
<b>5.6 Initial Tank Cleaning</b> .....	<b>24</b>
<b>6 Testing the Tank Atmosphere</b> .....	<b>25</b>
<b>6.1 Atmospheric Testing Procedures</b> .....	<b>25</b>
<b>6.2 Atmospheric Testing Instruments</b> .....	<b>25</b>
<b>6.3 Atmosphere Testing</b> .....	<b>25</b>
<b>7 Storage Tank Hazards</b> .....	<b>27</b>
<b>7.1 General</b> .....	<b>27</b>
<b>7.2 Oxygen Deficiency and Enrichment</b> .....	<b>28</b>
<b>7.3 Fire and Explosion Hazard</b> .....	<b>29</b>
<b>7.4 Toxic Substances</b> .....	<b>29</b>
<b>7.5 Physical and Other Hazards</b> .....	<b>32</b>
<b>7.6 Floating Roof Hazards</b> .....	<b>33</b>
<b>7.7 Heat Stress</b> .....	<b>33</b>
<b>7.8 Pyrophoric Iron Sulfide</b> .....	<b>34</b>
<b>7.9 Hazard Assessment</b> .....	<b>34</b>
<b>8 Personal Protective Equipment</b> .....	<b>34</b>
<b>8.1 Protective Clothing and Equipment</b> .....	<b>34</b>
<b>8.2 Respiratory Protection</b> .....	<b>35</b>
<b>9 Tank Cleaning/Entry Personnel</b> .....	<b>38</b>
<b>9.1 General</b> .....	<b>38</b>
<b>9.2 Entry Supervisors</b> .....	<b>39</b>
<b>9.3 Entrants</b> .....	<b>41</b>
<b>9.4 Attendants</b> .....	<b>42</b>
<b>9.5 Non-Entry Supervisor Permit Issuers</b> .....	<b>43</b>

## Contents

	Page
<b>10 Entering and Working Inside the Tank</b> .....	<b>44</b>
10.1 General .....	44
10.2 Entry Permit .....	44
10.3 Floating Roof Stabilization .....	46
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
<b>11 Hot Work and Tank Repairs</b> .....	<b>48</b>
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
<b>12 Emergency Planning</b> .....	<b>51</b>
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
<b>13 Return To Service</b> .....	<b>55</b>
13.1 General .....	55
13.2 Preparation .....	55
13.3 Refilling Tanks .....	56
13.4 Sampling and Gauging Tanks .....	56
13.5 Control of Ignition Sources .....	57
<b>14 Training</b> .....	<b>57</b>
14.1 General .....	57
14.2 Training Requirements .....	57
14.3 Training Verification .....	58
14.4 Qualification .....	58
<b>Bibliography</b> .....	<b>59</b>

# 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*