

SECTION 22 12 00 {15450}

FACILITY POTABLE-WATER STORAGE TANKS

{POTABLE WATER STORAGE TANKS}

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This section includes potable water storage tanks for hot and cold domestic water.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at [www.4specs.com](http://www.4specs.com), ARCAT at [www.arcat.com](http://www.arcat.com), First Source at [www.reedfirstsource.com](http://www.reedfirstsource.com), SpecSource at [www.specsource.com](http://www.specsource.com), and Sweets Network at [products.construction.com](http://products.construction.com).

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at [supportcenter@csrf.org](mailto:supportcenter@csrf.org) to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at [www.spectext.com](http://www.spectext.com) for current product announcements.

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PART 1 GENERAL

1.1 SUMMARY

- A. Section includes potable water storage tanks.
- B. Related Sections:
  - 1. Section 22 07 00 - Plumbing Insulation: Field applied insulation for water storage tanks.
  - 2. Section 22 11 00 - Facility Water Distribution: Supply connections to water storage tanks.
- C. Related Sections:
  - 1. Section 15080 - Plumbing Insulation: Field applied insulation for water storage tanks.
  - 2. Section 15140 - Domestic Water Piping: Supply connections to water storage tanks.

1.2 REFERENCES

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List reference standards included within text of this section. Edit the following for Project conditions.

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- A. American Society of Mechanical Engineers:
  - 1. ASME Section VIII - Boiler and Pressure Vessel Code - Pressure Vessels.

1.3 SUBMITTALS

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Only request submittals needed to verify compliance with Project requirements.

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- A. Section 01 33 00 - Submittal Procedures {01330 - Submittal Procedures}: Submittal procedures.
- B. Shop Drawings: Indicate dimensions of tanks, materials of construction, tank lining methods, anchors, attachments, lifting points, taps, and drains.
- C. Manufacturer's Certificate: Certify products meet or exceed specified requirements.

#### 1.4 QUALITY ASSURANCE

- A. Conform to ASME Section VIII for construction of potable water storage tanks. Provide tanks registered with National Board of Boiler and Pressure Vessel Inspectors.
- B. Perform Work in accordance with [State] [Municipality] of [\_\_\_\_\_] [Highways] [Public Works] standard.

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Include the following paragraph only when cost of acquiring specified standards is justified.

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- C. Maintain one copy of each document on site.

#### 1.5 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing products specified in this section with minimum three years [documented] experience.
- B. Installer: Company specializing in performing Work of this section with minimum three years [documented] experience [approved by manufacturer].

#### 1.6 PRE-INSTALLATION MEETINGS

- A. Section 01 30 00 - Administrative Requirements {01300 - Administrative Requirements}: Pre-installation meeting.
- B. Convene minimum [one] [\_\_\_\_\_] week prior to commencing work of this section.

#### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Section 01 60 00 - Product Requirements {01600 - Product Requirements}: Product storage and handling requirements.
- B. Provide temporary inlet and outlet caps. Maintain caps in place until installation.

#### 1.8 FIELD MEASUREMENTS

- A. Verify field measurements prior to fabrication.