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BS EN 12285-1:2003 Workshop fabricated steel tanks - Horizontal cylindrical single skin and double skin tanks for the underground storage of flammable and non-flammable water polluting liquids

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Abbreviation

BS EN 12285-1:2003

Valid from

06/08/2003

Information provider

Standards New Zealand

Author

British Standards Institution

Information type

British Standard

Format

PDF

Cited By

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Description

BS EN 12285-1:2003 specifies the requirements for shop fabricated cylindrical, horizontal steel tanks, single and double skin for the underground storage of water polluting liquids (both flammable and non-flammable) within the following limits:

- from 800 mm up to 3,000 mm nominal diameter
- up to a maximum overall length of 6 times the nominal diameter
- for liquids with a maximum density of up to 1.9 kg/l and with an operating pressure of maximum 1.5 bar (abs.)
- for double skin tanks with a vacuum leak detection system where the kinematic viscosity does not exceed 5×10^{-3} m²/s.

This standard is applicable for normal operating temperature conditions (-20 degrees C to +50 degrees C). Where temperatures are outside of this range, additional requirements should be taken into account.

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- [G14/VM1 \(Second Edition, Amendment 6\)](#)

BS EN 12285-1:2003 is cited by Verification Method G14/VM1: Industrial Liquid Waste from 30/09/2010

- [G14/VM1 \(Second Edition, Amendment 4\)](#)

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- [G14/VM1 \(Second Edition, Amendment 5\)](#)

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- [G14/VM1 \(Second Edition, Amendment 3\)](#)

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- [BS EN 12285-2:2005](#)

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Back

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This document CITES:

Other

- [BS EN 10025:1993](#)

BS EN 12285-1:2003 cites BS EN 10025:1993 Hot rolled products of non-alloy structural steels. Technical delivery conditions

- [BS EN 10051:1991](#)

BS EN 12285-1:2003 cites BS EN 10051:1991+A1:1997 Continuously hot-rolled uncoated plate, sheet and strip of non-alloy and alloy steels. Tolerances on dimensions and shape

- [BS EN 10204:1991](#)

BS EN 12285-1:2003 cites BS EN 10204:1991 Metallic products. Types of inspection documents

- [BS EN 13160-1:2003](#)

BS EN 12285-1:2003 cites BS EN 13160-1:2003 Leak detection systems - Part 1: General principles

- [BS EN 13160-2:2003](#)

BS EN 12285-1:2003 cites BS EN 13160-2:2003 Leak detection systems - Part 2: Pressure and vacuum systems

- [BS EN 13160-3:2003](#)

BS EN 12285-1:2003 cites BS EN 13160-3:2003 Leak detection systems - Part 3: Liquid systems for tanks

- [BS EN 13160-4:2003](#)

BS EN 12285-1:2003 cites BS EN 13160-4:2003 Leak detection systems - Part 4: Liquid and/or vapour sensor systems for use in leakage containments or interstitial spaces

- [BS EN 13160-5:2004](#)

BS EN 12285-1:2003 cites BS EN 13160-5:2004 Leak detection systems - Part 5: Tank gauge leak detection systems

- [BS EN 13160-6:2003](#)

BS EN 12285-1:2003 cites BS EN 13160-6:2003 Leak detection systems - Part 6: Sensors in monitoring wells

- [BS EN 13160-7:2003](#)

BS EN 12285-1:2003 cites BS EN 13160-7:2003 Leak detection systems - Part 7: General requirements and test methods for interstitial spaces, leak protecting linings and leak protecting jackets

- [BS EN 287-1:1992](#)

BS EN 12285-1:2003 cites BS EN 287-1:1992 Approval testing of welders for fusion welding. Steels

- [BS EN 288-1:1992](#)

BS EN 12285-1:2003 cites BS EN 288-1:1992 Specification and approval of welding procedures for metallic materials - Part 1: General rules for fusion welding

- [BS EN 288-2:1992](#)

BS EN 12285-1:2003 cites BS EN 288-2:1992 Specification and approval of welding procedures for metallic materials - Part 2: Welding procedures specification for arc welding

- [BS EN 288-3:1992](#)

BS EN 12285-1:2003 cites BS EN 288-3:1992 Specification and approval of welding procedures for metallic materials - Part 3: Welding procedure tests for the arc welding of steels

- [ISO 8501-1:1988](#)

BS EN 12285-1:2003 cites ISO 8501-1:1988 Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings

- [ISO 898-1:1999](#)

BS EN 12285-1:2003 cites ISO 898-1:1999 Mechanical properties of fasteners made of carbon steel and alloy steel - Part 1: Bolts, screws and studs

Back

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