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BS EN 12285-2:2005 Workshop fabricated steel tanks - Horizontal cylindrical single skin and double skin tanks for the aboveground storage of flammable and non-flammable water polluting liquids

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Abbreviation

BS EN 12285-2:2005

Valid from

21/02/2005

Information provider

Standards New Zealand

Author

British Standards Institution

Information type

British Standard

Format

PDF

Cited By

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Description

BS EN 12285-2:2005 specifies the requirements for metallic shop fabricated cylindrical, horizontal steel tanks, single and double skin for the aboveground storage of water polluting liquids (both flammable and non-flammable) within the following limits:

- from 800 mm up to 3000 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 with an operating pressure of maximum 1.5 bar (abs.)
- where double skin tanks with a vacuum leak detection system are used the cinematic viscosity of the stored media shall not exceed 0.005 m²/s.

This standard is applicable for normal ambient temperature conditions (-20 degrees C to + 50 degrees C).

This standard is not applicable to the storage of dangerous liquids such as explosives, substances liable to spontaneous combustion, substances which in contact with water emit flammable gases, organic peroxides, infectious substances, radioactive material, hydrocyanic or hydrocyanic solvent liquids, metalcarbonyls, hydrofluoracid and bromide liquids.

This standard does not cover the installation of tanks which might be subject to local regulations involving pollution control.

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

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

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

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Other

- [BS EN 10025-2:2004](#)

BS EN 12285-2:2005 cites BS EN 10025-2:2004 Hot rolled products of structural steels. Part 2: Technical delivery conditions for non-alloy structural steels

- [BS EN 10051:1991](#)

BS EN 12285-2:2005 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 10204:2004](#)

BS EN 12285-2:2005 cites BS EN 10204:2004 Metallic materials. Types of inspection documents

- [BS EN 12285-1:2003](#)

BS EN 12285-2:2005 cites 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

- [BS EN 287-1:2004](#)

BS EN 12285-2:2005 cites BS EN 287-1:2004 Qualification test of welders. Fusion welding. Steels

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

BS EN 12285-2:2005 cites BS EN 288-2:1992 Specification and approval of welding procedures for metallic materials - Part 2: Welding procedures specification for arc welding

- [EN ISO 15607:2003](#)

BS EN 12285-2:2005 cites EN ISO 15607:2003 Specification And Qualification Of Welding Procedures For Metallic Materials - General Rules

- [ISO 15614-1:2004](#)

BS EN 12285-2:2005 cites ISO 15614-1:2004 Specification and qualification of welding procedures for metallic materials -- Welding procedure test - Part 1: Arc and gas welding of steels and arc welding of nickel and nickel alloys

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

BS EN 12285-2:2005 cites ISO 898-1:1999 Mechanical properties of fasteners made of carbon steel and alloy steel - Part 1: Bolts, screws and studs

- [PREN 13501-1:2000](#)

BS EN 12285-2:2005 cites PREN 13501-1:2000 Fire Classification Of Construction Products And Building Elements - Part 1: Classification Using Test Data From Reaction To Fire Tests

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