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ICS 83.120
CCS Q 23

JC

BUILDING MATERIALS INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JC/T 2286-2014

Steel-glass fiber reinforced plastic double layers buried oil tank

钢-玻璃纤维增强塑料双层埋地储油罐

(English Translation)

Issued on: December 24, 2014 **Implemented on: June 1, 2015**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

JC/T 2286-2014 was issued by Ministry of Industry and Information Technology on 24 December 2014 and has been in force since 1 June 2015.

The JC/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 7 pages in English translation.

2 Scope Preview

This standard specifies the product structure, specifications and marks, general requirements, requirements, test methods and inspection rules, as well as marking, packaging, transport, storage and delivery certificates of steel-glass fiber reinforced plastic double-layer buried oil tanks. This standard is applicable to double-layer buried oil tanks (hereinafter referred to as S/F double-layer oil tanks) which take steel as the inner shell and glass fiber reinforced plastic (formed by spraying technology) as the outer shell, for which a leak detector is installed in the gap formed between the inner shell and the outer shell, and which store gasoline, ethanol gasoline, diesel oil, aviation kerosene and aviation gasoline under normal pressure, with a filling factor of 0.9.

JC/T 2286-2014 falls under ICS 83.120, in the field of rubber and plastics industries.

This catalogue holds 25 other JC/T standards in that field.

In this catalogue, JC/T standards carry edition years from 1973 to 2026.

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3 Normative references

GB 150.2 - Pressure Vessels - Part 2: Materials

GB 150.3 - Pressure vessels - Part 3: Design

GB 150.4 - Pressure vessels - Part 4: Fabrication, inspection and testing, and acceptance

GB/T 1447 - Fiber-reinforced plastics composites - Determination of tensile properties

GB/T 1449 - Fibre-reinforced plastic composites - Determination of flexural properties

GB/T 2576 - Test method for insoluble matter content of resin used in fiber reinforced plastics

GB/T 2577 - Test method for resin content of glass fiber reinforced plastics

GB/T 3854 - Test method for hardness of reinforced plastics by means of a Barcol impresser

GB/T 8237 - Liquid unsaturated polyester resin for fiber reinforced plastics

GB/T 8923.1-2011 - Preparation of steel substrates before application of paints and related products - Visual assessment of surface cleanliness - Part 1: Rust grades and preparation grades of uncoated steel substrates and of steel substrates after overall removal of previous coatings

GB/T 17470 - Glass fiber mats - Chopped strand and continuous filament mats

GB/T 18369 - Glass fiber roving

GB 50727 - Code for acceptance of construction quality of anticorrosive engineering of industrial equipment and pipeline

4 About this standard

Issued by: Ministry of Industry and Information Technology

English translation: about 7 pages

Chinese original: about 11,163 characters

5 Related standards

Standards on related subjects:

GB/T 2567-2008 - Test methods for properties of resin casting body

JC/T 1026-2007 - Glass fiber reinforced thermosetting resin grating for supporting loads

GB/T 2577-2005 - Test method for resin content of glass fiber reinforced plastics

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JC/T 2867-2025 - Magnesium cementitious materials for building - Magnesium Sulfate Plate

JC/T 1092-2025 - Unsaturated polyester resin for mechanically transformed fiber reinforced plastics

JC/T 2287-2014 - Glass fiber reinforced plastic quick-erectable mobile scaffolding made of prefabricated elements

6 Classification and status

International classification (ICS): 83.120

Chinese Standard Classification (CCS): Q 23

Prefix JC/T: recommended standard.

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