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CCS Z64



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 12917-2009

Replacing GB 12917-1991

Oily water separating equipment

油污水分离装置

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Foreword

This standard replaces GB/T 12917-1991 "oil-water separation means." This standard compared with GB/T 12917-1991 main changes are as follows:

- Range from "treatment of oily wastewater separation device", "mineral oil-based sewage treatment means" to;
- Modify the reference standard;
- Density of the test oils was amended by deleting the oil component parts;
- Deleting oil immersion test and component durability evaluation test. The standard proposed by China Shipbuilding Industry Corporation. This standard by the National Marine Machinery Standardization Technical Committee. This standard was drafted. China Shipbuilding Industry Corporation seventh - four Institute. The main drafters of this standard. Gu Pei Zhi, Chen Zhibin. This standard superseded standard previously issued as follows:
- GB/T 12917-1991. Oily water separating device

1 Scope

GB/T 12917-2009 is the Chinese national standard on oily water separating equipment, in the field of environment and health protection, safety. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 9 March 2009 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2009. Classification: ICS 13.060.30, CCS Z64. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the

numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the oily water separating device (hereinafter. device) requirements, test methods and inspection rules and signs, packaging, transportation Transport and storage. This standard applies to mineral oil-based sewage treatment system design, manufacture and acceptance.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 150 steel pressure vessels

GB/T 191 Packaging - Pictorial signs (GB/T 191-2008, ISO 780.1997, MOD)

GB/T 9065.3 Hydraulic Hose connector - Connecting dimension welded or quick Determination of

GB/T 11914-1989 Water quality chemical oxygen demand dichromate method

GB 14048.1 low-voltage switchgear and control equipment Part 1. General (GB 14048.1-2006,

IEC 60947-1.2001, MOD) By infrared spectrophotometry

GB/T 16488-1996 water quality oil and animal and vegetable oils

3 Rated capacity series

The rated capacity refers to water means the amount of oil processed per hour means. Its series of value should be in accordance with Table 1. Table

1 The rated capacity in units of cubic meters per hour series 0.10 0.25 0.50 1.00 2.00 3.00 4.00 5.00 10.00 15.00 20.00 25.00 50.00 100.00 150.00 200.00

4.1 Design and Structure

4.1.1 The device should be able to automatically configure the emergency manual drain or drain system. Of a multistage process allow the addition to the first stage, the subsequent stages can Manual drain.

4.1.2 means automatic or manual drain system, flush with oil-water interface sensors, level surface to be provided with cocks or heuristic concept of oil-water interface Police unit.

Vertical section

4.1.3 means of access to water sampling device should be set.

4.1.4 should consider setting means for flushing with clean water into the interface.

4.1.5 The bottom of the device shall be provided with effective, easy to operate the relief valve.

4.1.6 means for receiving vessel sewage, an external flange should adopt internationally accepted shore connection. General purpose device, an external flange According to GB/T 9065.3 the relevant provisions.

4.1.7 means electric cabinet should meet the relevant provisions of GB 14048.1 of.

4.1.8 water discharge means can be used to monitor the oil content meter; when the oil content of the discharge water exceeded the national emission standards, and should stop the outward emission.