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

SN/T 2389.13-2013

Replacing SN/T 0185-1993; SN/T 0993-2001

**Rules for measurement survey on import and export
commodities. Part 13: Static measurement of petroleum and
liquid petroleum products by shiptank
(English Translation)**

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Foreword

SN/T 2389 "Import and Export container weight of order" is divided into 14 parts.

- Part 1. Terminology;
- Part 2. Animal and vegetable oils shore vertical metal tank static weight;
- Part 3. Orimulsion shore vertical metal tank static weight;
- Part 4. Cabin LPG static weight;
- Part 5. shore oil vertical metal tank static weight;
- Part 6. determination line between the shore boat fullness;
- Part 7. shore vertical metal pressure tanks (non-refrigerated) automatic measurement of liquid level;
- Part 8. Orimulsion Cabin static weight;
- Part 9. cargo ship line liquid volume estimate;
- Part 10. Static liquid chemicals cabin weight;
- Part 11. Liquid chemicals shore vertical metal tank static weight;
- Part 12. asphalt cabin static weight;
- Part 13. Oil and liquid products Cabin static weight;
- Part 14. shore vertical metal tank liquid level measurement.

This section SN/T 2389 Part 13.

This section drafted in accordance with GB/T 1.1-2009 given rules.

The partial replacement of SN/T 0185-1993 "Import and Export Commodity weight authentication procedures for petroleum and its static weight liquid products" and SN/T 0993-2001 "Import and Export Commodity weight liquid product identification procedures static weight." this section compared with the SN/T 0185-1993 and SN/T 0993-2001, in

addition to editorial changes, the major technical changes are as follows.

- Modify some of the terms and definitions (see Chapter 3);
- Increase the technical requirements and measuring instrument portable water interface level, temperature, free water use (see 4.2.2.2, 5.3.2.4, 5.3.3.3 and 5.3.4.4);
- Increase in free water measurements (see 5.3.3);
- Modify the liquid temperature measurement method (see 5.3.4);
- Revised trim and wedge correction and volume calculations (see 5.4.2.3, 5.4.2.4.2).

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

This section SN/T 2389 specifies the basic requirements for the import and export of petroleum products and liquid static weight of the cabin, methods, procedures and techniques Technique specification.

This section applies to weight and export of petroleum and liquid products in static cabin.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 260 Petroleum products - Determination of water content GB/T 1884 crude oil and liquid petroleum products - Laboratory determination of density (density meter method)
GB/T 1885-1998 Petroleum Measurement Tables GB/T 4756 petroleum liquids hand sampling method GB/T 6531 crude oil and fuel oils precipitate assay (extraction method)
GB/T 6533 crude oil in water and sediment assays centrifugation GB/T 8170 repair value expressed about the rules and limit values and judgment GB/T 8927 Petroleum and liquid petroleum products - Temperature measurements - Manual methods Determination of GB/T 8929 water content of crude oil distillation GB/T 13236 Petroleum and liquid petroleum product storage tank level measurement equipment manual GB/T 19779 Petroleum and liquid petroleum products - Calculation of oil static measurement SH/T 0316 Petroleum hydrometer SN/T 3023.1-2011 weight of import and export commodities authentication procedures - Part 1. General Cabin static weight ISO 8697:1999 Crude oil and petroleum products transportation volume estimate the number of ship bottoms (OBQ) and quantity remaining on board (ROB) assessment [CrudePetroleum andPetroleum Products-Transfer Accountability-AssessmentofOn Board Quantity (OBQ) andQuantityRemainingOnBoard (ROB)]

3 Terms and Definitions

The following terms and definitions apply to this document.

Cabin static weight static measurement by ship's tank Petroleum and liquid products in the measurement of a relatively static state in the cabin.

Free water; FW Individual layered in oil and oil products mainly in the water below. Vfw deduction represents the amount of free water, which comprises a bottom precipitate.