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

GB/T 25444.6-2023

Replacing GB/T 25444.6-2010

**Mobile and fixed offshore units - Electrical installations - Part 6:
Installation**
(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting:

This document is Part 6 of GB/T 25444 "Electrical Installations for Mobile and Fixed Offshore Installations": GB/T 25444 has been issued the following parts have been published:

- Part 1: General requirements and conditions;
- Part 2: System Design;
- Part 3: Equipment;
- Part 5: Mobile facilities;
- Part 6: Installation;
- Part 7: Hazardous areas:

This document replaces GB/T 25444.6-2010 "Electrical installations for mobile and fixed offshore installations - Part 6: Installation" and is consistent with Compared with GB/T 25444.6-2010, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) The applicable limits of the scope have been changed (see Chapter 1, Chapter 1 of the:2010 edition);
- b) Changes in terms and definitions (see Chapter 3, Chapter 3 of the:2010 edition);
- c) The general requirements have been changed (see Chapter 4, 4:1 of the:2010 edition);
- d) Added layout requirements and types of transformers (see 6.1);
- e) Added installation and capacity requirements for receiving tanks (see 6.6);
- f) Changed the requirements for referenced documents (see 7.1:1, 8:2:1 of the:2010 version);
- g) Deleted winding insulation (see 7.3 of the:2010 edition);
- h) Changed the width of barrier-free passages and added requirements for passages between switchboard lines and circuit breaker passages (see 7.3,:2010 edition of 8:4);
- i) Delete the special requirements for the enclosure of the switchboard in the accommodation area (see 8.6 of the:2010 edition);
- j) Changed the installation requirements for batteries and battery packs (see Chapter 9, Chapter 10 of the:2010 edition);