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

GB/T 25444.3-2023

Replacing GB/T 25444.3-2010

**Mobile and fixed offshore units - Electrical installations - Part 3:
Equipment
(English Translation)**

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Table 1 Grounding conductor for enclosure

Table 2 Circular non-uniformity limits

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 3 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 25444.3-2010 "Electrical installations for mobile and fixed offshore installations - Part 3: Equipment" and is consistent with Compared with GB/T 25444.3-2010, in addition to structural adjustments and editorial changes, the main technical changes are as follows:

- a) The voltage limit of "AC voltage not greater than 35000V and DC voltage not greater than 750V" has been deleted from "Scope" (see Chapter 1, Chapter 1 of the:2010 edition);
- b) Change "General Provisions" to "General Requirements" and make general provisions on related electrical equipment (see Chapter 4,:2010 edition Chapter 4);
- c) Change "power and lighting transformers" to "transformers", add "non-sealed liquid-immersed (oil-immersed) transformers", and delete "parallel operation" "Exercise" and "Experiment" (see Chapter 6, Chapter 6 of the:2010 edition);
- d) Changed the relevant requirements for "switchgear and control equipment combinations" (see Chapter 7, Chapter 7 of the:2010 edition);
- e) Delete the requirements related to "internal windings", "accessibility" and "diagrams" (see 8.2, 8:4 and 8:7 of the:2010 edition);
- f) Deleted the specific requirements for "lighting fixtures" (see Chapter 10 of the:2010 edition);
- g) Deleted the specific requirements for "electric heaters and electric cookers" (see Chapter 11 of the:2010 edition);
- h) The chapter "Underwater Systems and Equipment" has been deleted (see Chapter 14 of the:2010 edition):