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

GB/T 44805.2-2024

**Production of digital electrical documents-Part 2: Interactive
service manual**

数字化电气文件编制 第2部分：交互式维修手册

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting is required.

This document is Part 2 of GB/T 44805 "Digital Electrical Documentation". GB/T 44805 has been published in the following parts.

Part 1: Interactive Troubleshooting Manual;- Part 2: Interactive Repair Manual.- Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document is proposed and coordinated by the National Technical Committee for Standardization of Electrical Information Structure, Documentation and Graphic Symbols

(SAC/TC 27).

This document was drafted by: Shanxi Electromechanical Design Institute Co., Ltd., Jiangsu Xugong Guozhong Laboratory Technology Co., Ltd., China Electronics The Tenth Research Institute of Science and Technology Group Corporation, China Machinery Productivity Promotion Center Co., Ltd., Inner Mongolia First Machinery Group Co., Ltd., CRRC Zhuzhou Electric Locomotive Research Institute Co., Ltd., Beijing Aifu Aite Technology Co., Ltd., Electric Power Planning and Design Institute Co., Ltd., China Electronics Technology Group The company's 14th Research Institute, Hunan Sanyue Digital Technology Co., Ltd., Panjin Guanglida Electric Co., Ltd., China Power Construction Group Chongqing Engineering Co., Ltd. Limited Company.

The main drafters of this document are: Yan Dejin, Ding Xinxing, Zhao Lin, Wen Jia, Zhang Peng, Li Xuejiang, Liu Yong, Zhang Jinbin, Gao Yongmei, Diao Zhaoyong, Yu Lifeng, Luo Tiejun, Zhao Zhenglong, Yang Fei, Qi Xuehui, Han Yulong, Yao Guangqing, and Chen Quanfeng.

Introduction

With the rapid development of digital technology, traditional technical manuals have gradually evolved from paper manuals and electronic manuals to digital manuals.

The advantages of the manual are obvious in improving compilation efficiency, reducing costs, enhancing data security, improving application convenience, and facilitating sharing and collaboration.

In order to ensure the orderly progress of the digitalization of electrical documents and promote the standardization and normalization of the digital electrical document preparation process, Establishing rules for the entire process of preparing digital electrical documents is the main task of carrying out electrical digital standardization activities.

The purpose of this standard is to establish the principles and requirements applicable to the digital preparation of electrical documents.

According to the different use occasions, use scenarios, and the differences in the content construction of the manual compilation information model, the manual is divided into fault diagnosis, Maintenance divides GB/T 44805 "Digital Electrical Documentation" into interactive fault diagnosis manual and interactive maintenance manual.

They are independent and distinct, yet interrelated and mutually callable.

GB/T 44805 "Preparation of Digital Electrical Documentation" is intended to consist of the following parts.

Part 1: Interactive troubleshooting manual. The purpose is to provide the principles and Related requirements.

Part 2: Interactive maintenance manual. The purpose is to provide the principles and relevant Require.

Digital electrical documentation Part 2: Interactive Repair Manual

1 Scope

This document specifies the content, interactive function requirements, and compilation requirements of the interactive maintenance manual, establishes compilation principles, and provides usage, version management, information security and data privacy.

This document applies to the planning, information preparation, production, publication and application.

2 Normative references

GB/T 6988.1

GB/T 19678.1-2018

GB/T 44805.1

IEC 60757

IEC 61666

3 Terms and Definitions

The terms and definitions defined in GB/T 19678.1-2018, GB/T 44805.1 and the following apply to this document.

3.1 Maintenance information unit

A combination of information elements that can independently and completely describe a single maintenance activity.

Note. Individual activities include maintenance preparation, basic inspection, etc.

3.2 maintenance topic

A combination of maintenance information units (3.1) that can fully express a maintenance item.

3.3 Maintenance item

Products, parts or software modules that require inspection and maintenance services during use.

[Source. GB/T 32236-2015, 2.23, modified]

4 Preparation requirements

The preparation of the manual shall comply with the following requirements.

Content integrity. The manual should include maintenance-related information on maintenance objects, maintenance safety information, maintenance resource information, and maintenance operations.