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**Heavy mechanical - Design requirements for electrical control
systems**

重型机械 电气控制系统设计要求

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Table of Contents

Preface	III
1 Scope	1
2 Normative references	1
3 Terms and Definitions	2
4 Symbols and abbreviations	2
5 Composition and Function	2
5.1 Composition	2
5.2 Function	3
6 Documentation	3
6.1 General requirements	3
6.2 Graphical symbols	3
7 Electronic Control System Design	3
7.1 General requirements	3
7.2 Electrical Drive System Design	4
7.3 Basic Automation Control System Design	5
7.4 Process Automation Control System Design	6
7.5 Table and cabinet design	7
7.6 Electrical piping and wiring design	7
8 Safety Design	8
8.1 Grounding Safety Design	8
8.2 Safety Control System Design	8
8.3 Network Security Design	8
8.4 Data Security Design	8

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.

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

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This document was drafted by: First Heavy Industries Tianjin Intelligent Control Co., Ltd., China Heavy Machinery Research Institute Co., Ltd., Northwestern Polytechnical University, Xi'an Jiaotong University, Yanshan University, Taiyuan Heavy Industry Co., Ltd., Shenyang Jianzhu University, Jinan Heavy Industry Co., Ltd., University of Science and Technology Beijing Beijing University of Aeronautics and Astronautics, Dalian First Heavy Industries Co., Ltd., Erzhong (Deyang) Heavy Equipment Co., Ltd., Xi'an Haiwei Xincheng INSPECTION AND TESTING CONSULTANCY LIMITED.

The main drafters of this document are: Liu Juwei, Wang Shechang, He Bo, Wu Liang, Li Lei, Hong Jun, Li Heng, Wang Zeyu, Qin Jie, Zhou Peng, Qiu Jian, Ruan Donghui, Yao Jing, Lin Qiying, Liu Huaqiang, Fu Yongling, Yang Weizhu, Sun Shouyi, Ma Buqiang, Feng Lianqiang, Liu Junping, Gao Lin, Zuo Xiuli, Gao Jianjun, Wang Xia, Xia Juan, Liu Yong, Du Jiyong, Zhang Libo, Qiu Lipeng, Hu Yanghu, Su Zhenhua, Yang Peng, Hao Le, Ning Bo, Ma Haikuan, Gao Lu, Xu Jiang, Dong Bo, Zhang Lei, Wang Zinan, Xu Jiacaan, Feng Congcong, Yan Ying, Wu Jianhua, Wu Jianguo, Li Tao, Peng Yan, Feng Congcong, Yang Haishan, Fan Xiaosong, Zhang Hongshuai, Wang Gang, Wang Di, Deng Yongquan, Wang Jianxing.

Design requirements for electrical control systems of heavy machinery

1 Scope

This document specifies the composition and functions, documentation, electrical control system design, and safety design of heavy machinery electrical control systems.

This document applies to the design of electrical control systems for heavy machinery.

2 Normative references

GB 2894

GB/T 2900

GB/T 3797

GB 3836.15

GB/T 4208-2017

GB/T 4728

GB/T 5226.1

GB/T 5465

GB/T 6988.1

GB/T 6995

GB/T 7251.1

GB/T 13283

GB/T 13993

GB 14050

GB/T 15969.1

GB/T 15969.6

GB/T 16439

GB/T 16657.2

GB/T 16855.1

GB/T 19045

GB/T 20063

GB/T 20984

GB/T 22239

GB/T 23371

GB/T 36245

GB/T 38854

GB/T 40813

GB/T 43697