

NATIONAL STANDARD
OF THE PEOPLE'S REPUBLIC OF CHINA

中华人民共和国国家标准

Code for construction and acceptance of electric device of
crane electrical equipment installation engineering

电气装置安装工程

起重机电气装置施工及验收规范

GB 50256-96

Compiled by: Ministry of Power Industry of People's Republic of China

Approved by: Ministry of Construction of People's Republic of China

Date of implementation: December 1, 1996

1996 Beijing

NOTICE

This code is written in Chinese and English. The Chinese text shall be taken as the ruling one in the event of any inconsistency between the Chinese text and the English text.

Notice concerning release of four national standards—Standards for
Construction and Acceptance of Low-Voltage Apparatus of Electrical
Equipment Installation Project and so on

Construction Standards [1996] No.337

In line with the requirements of the State Development and Planning Commission Ji Zong (1986) No. 2630 document of the State Development and Planning Commission and (91) Jian Biao Ji Zi No. 6 document of the Ministry of Construction, four standards—Standards for Construction and Acceptance of Low-Voltage Apparatus of Electrical Equipment Installation Project and others jointly revised by Ministry of Power Industry and the department concerned have been examined and approved. It ratifies that Standards for Construction and Acceptance of Low-Voltage Apparatus of Electrical Equipment Installation Project GB 50254-96, Standards for Construction and Acceptance of Electric Converter Device of Electrical Equipment Installation Project (GB 50255-96), Standards for Construction and Acceptance of Crane of Electrical Equipment Installation Project (GB 50256-96), and Standards for Construction and Acceptance of Electric Apparatus at Explosive and Fire Hazard Locations (GB 50257-96) as mandatory national standards which shall be implemented on December 1, 1996. The seventh chapter—Chapter of Low-voltage Electrical Apparatus, the six chapter—Chapter of Silicon Rectifying Devices, the eighth chapter—Chapter of Crane Electrical Installation, and sixteenth chapter—Chapter of Electrical Installation at Explosive and Fire Hazard Locations in the original Standards for Construction and Acceptance of Electrical Equipment Installation Project GBJ 232-82 shall be abolished on the same day.

Ministry of Power Industry shall be responsible for supervision of this standards and Institute of Power Construction with Ministry of Power Industry for specific interpretation of the standards. Institute of Standard Quota with the Ministry of Construction shall be responsible for publishing and distributing of the standards.

Ministry of Construction of People's Republic of China

June 5, 1996

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1 General Principles

1.0.1 This standard is enacted for the purpose of guaranteeing quality of installation of crane electric apparatus, bringing about advancement in construction and installation technologies, and ensuring safe operation after installation of equipment.

1.0.2 This standard applies to construction and acceptance of electric apparatus of various types of newly-installed cranes and motor hoists with a rated voltage below 0.5kV and trolley line installation of 3kV and 3kV below.

1.0.3 Installation of crane electric apparatus shall be implemented in accordance with approved design and technical documents of products.

1.0.4 Transportation and storage of crane electric apparatus shall be in keeping with relevant stipulations of the current national standards. In case of being required specially by products, requirements of the said products shall be fulfilled.

1.0.5 Equipment and facilities adopted shall be in accordance with stipulations of technical standards of the country currently in effect and shall have certificates of quality. Equipment shall have data plates.

1.0.6 The following inspections and acceptance shall be carried out after equipment and materials are delivered to working sites:

1.0.6.1 Packing is intact and sealing components are in good condition.

1.0.6.2 Inventory shall be conducted to make sure that specifications are in conformity with design requirements and accessories and spare parts intact.

1.0.6.3 All necessary technical documents of products are provided.

1.0.6.4 Exterior inspection shall be implemented and no damages, deformation, and rustiness shall be allowed.

1.0.7 Safety precautions implemented during construction shall be in accordance with stipulations of this standards, relevant safety standards currently in effect, and technical documents of products.

1.0.8 Construction work relating to installation of crane electric apparatus shall tally with the following requirements:

1.0.8.1 Quality of constructions and structures relating to installation of crane electric apparatus shall be in accordance with relevant stipulations of the current national standards for construction and acceptance of construction projects. When equipment and designs have special requirements, such requirements shall be fulfilled.

1.0.8.2 Construction work shall fulfill the following requirements before installation of equipment:

- 1) Water ooze from the ceiling above cranes shall not be allowed;

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