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NATIONAL STANDARD



OF THE PEOPLE'S REPUBLIC OF CHINA

中华人民共和国国家标准

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GB 50255-96

**Standards for Construction and Acceptance of
Electric Converter Device of Electrical Equipment**

Installation Project

电力装置安装工程电力变流设备

施工及验收规范

Issued on: June 5, 1996

Implemented on: December 1, 1996

Jointly issued by

State Bureau of Quality and Technical Supervision
Ministry of Construction of the People's Republic of China

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Chief Development Department: Ministry of Power Industry of the People's Republic of China

Approval Department: Ministry of Construction of the People's Republic of China

Date of implementation: December 1, 1996

Beijing 1996

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 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 standards is enacted for the purpose of guaranteeing quality of installation of electric converter device, bringing about advancement in construction and installation technologies, and ensuring electric converter device to work safely.

1.0.2 This standard applies to construction, debugging, and acceptance of installation work of electric converter device comprising power and electronic components as well as conversion transformers.

1.0.3 Installation of electric converter device shall be implemented in accordance with approved designs.

1.0.4 Transportation and storage of electric converting equipment and materials shall be in keeping with relevant stipulations of the current national standards In case of being required specially by products, requirements of technical documents of the said product shall be fulfilled.

1.0.5 Storage of electric converting equipment and materials before installation shall be within one year. In case of a long-term storage, special regulations on storage of equipment and materials shall be observed.

1.0.6 Equipment and materials adopted shall be in accordance with stipulations of the national technical standards currently in effect and have certificates of quality. Equipment shall have data plates.

1.0.7 Inspection and acceptance shall be made within set time limit after equipment and materials are delivered to working sites and the following requirements shall be fulfilled:

1.0.7.1 Packing and sealing are in good condition.

1.0.7.2 Inventory of equipment and materials is made. Specifications, quantity, and technical parameters shall be in conformity with requirements of design and accessories and spare parts shall be complete.

1.0.7.3 All necessary technical documents shall be provided and they shall be in good condition.

1.0.7.4 Exterior inspections shall be made in line with requirements of this standard.

1.0.8 Safety precautions implemented during construction shall be in accordance with stipulations of this standards, relevant safety technical standards currently in effect, and technical documents of products. In regard to key construction projects or process, relevant safety technical measures shall be worked out.

1.0.9 Construction work relating to installation of electric converter device shall tally with the following requirements:

1.0.9.1 Quality of construction of buildings and structures relating to installation of electric converter device shall be in accordance with relevant stipulations of the current national standards for construction and acceptance of construction work.

1.0.9.2 Construction work shall fulfill the following requirements before installation of

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