

图书基本信息

书名：<<中华人民共和国电力行业标准 DL / T 5135>>

13位ISBN编号：9787508385518

10位ISBN编号：7508385519

出版时间：2009-4

出版时间：中国电力出版社

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页数：65

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前言

This Standard is prepared according to the requirement of the Notice about Preparation and Revision of Electric Power Industrial Standardization issued in 1997 (Document No.28, 1998) by the former Ministry of Electric Power Industry. This Standard is mainly edited by China Gezhouba Group Corporation. During the preparation of this Standard, the editors conducted comprehensive investigation and study, collected a large amount of information, and summarized the practical experience on drilling-blasting, especially the construction experience in large and medium-scale projects in recent 20 years. The editors also solicited suggestions and comments from relevant domestic organizations and experts, and adopted some advanced experiences from foreign countries as reference. Based on these efforts, this Standard finally came into being after several modifications. The Examination conference on this Standard was conducted and presided over by the Technical Committee of Standardization for Hydropower Construction of Electric Power Industry at the construction site of the Three Gorges Project on November 10-12, 2000. After examination, technical contents of this Standard are defined as follows: scope, normative references, terms and definitions, general principles, explosive materials, drilling-blasting for open excavation, drilling-blasting for underground excavation, underwater drilling-blasting, drilling-blasting for demolition works, blasting test and monitoring, quality and safety control. There are 11 chapters and 2 appendixes in total.

内容概要

《中华人民共和国电力行业标准 DL / T 5135—2001 水电水利工程爆破施工技术规范（英文版）》是中华人民共和国国家经济贸易委员会发布，全文为英文，可供广大读者欣赏。

书籍目录

Foreword1 Scope2 Normative References3 Terms and Definitions4 General5 Explosive Materials 5.1
Procurement 5.2 Transportation 5.3 Storage and Management 5.4 Inspection 5.5 Destroying6
Drilling-blasting for Open Excavation 6.1 General 6.2 Drilling-blasting for Excavation of Slopes 6.3
Drilling-blasting for Excavation of Foundation Pit 6.4 Drilling-blasting for Quarrying 6.5 Initiation Method
6.6 Initiation Networks7 Drilling-blasting for Underground Excavation 7.1 Drilling-blasting at Tunnel Portal
7.2 Drilling-blasting for Excavation of Tunnel 7.3 Drilling-blasting for Excavation of Vertical and Inclined
Shafts 7.4 Drilling-blasting at Special Zones 7.5 Drilling-blasting for Tunneling under Poor
GeologicatConditions8 Underwater Drilling—blasting 8.1 Construction Preparation of Drilling-blasting 8.2
Drilling—blasting Design 8.3 Drilling—blasting Construction 8.4 Blasting for Rock—Plug9 Drilling—blasting for
Demolition Works 9.1 Preparation 9.2 Drilling—blasting for Expansion ofPowerhouses 9.3 Drilling—blasting for
Dam Reconstruction 9.4 Drilling—blasting for Demolition of Temporary Water Retaining Structures and Rock
Ridges10 Blasting Test and Monitoring11 Quality and Safety 11.1 Quality 11.2 SafetyAppendix A(Normative
Appendix)Storage of Explosive MaterialsAppendix B(Normative Appendix)Allowable Particle Vibration Velocity
in Blasting

章节摘录

3 In cold seasons or extremely cold areas, if detonating tubes become hard and easy to break, the detonating tube for blasting shall not be used.

6.6 Initiation Networks

6.6.1 Explosive materials, network structures and connecting methods must be in accordance with requirements of blasting design.

6.6.2 The detonating cord network shall conform to the following regulations:

- 1 The initiation networks shall be connected by lapping and/or twisting and/or bunching methods. There shall be no extraneous matters between two detonating cords. Except for bunching joints, twists or loops are strictly prohibited at joints.
- 2 The joints of detonating cords lapped shall be bundled by adhesive tapes tightly with the bounding length not smaller than 15 cm. The twisting of detonating cords shall be bundled tightly with the twisting length not smaller than 30 cm.
- 3 At cross-linking of detonating cords, pads with thickness of not smaller than 10 cm shall be placed between two detonating cords.
- 4 Included angles among main cords, branch cords and initiating cords in the direction of detonation transmission shall not larger than 90°.
- 5 The bi-directional relay detonator must be applied in bi-directional ring millisecond-delayed detonating network. The triangle-connection must be adopted between main cords and branch cords, and between branch cords and detonating cords.
- 6 If ANFO explosives are used, the oil-resistant detonating cord shall be adopted.

编辑推荐

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