

图书基本信息

书名：<<DL/T 5199 - 2004 水电水利混凝土防渗墙施工规范>>

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内容概要

This Standard is compiled according to the document issued by former Ministry of Electricity Industry , referred to as ZKJ[1998] 28 , named as "Notice on the Plan of Stipulating and Revising Standards and Specifications of Electricity Industry in 1997 ". The application of concrete cut-off wall in hydropower and water resources industry has been started since the end of 1950s in China , which has a history of more than 40 years. During its application , three industrial specifications has been stipulated by hydropower and water conservancy industry and issued respectively in 1963 , 1979 and 1996. These three specifications immediately concluded the achievements made during the development of concrete cut-off wall technique , and had played an important role in guiding the construction of concrete cut-off wall in our nation's hydropower development , promoting the application of new technique , new material and new technologies , and guaranteeing the quality of project. A tremendous progress has been made in recent years in our nation's cut-off wall technique. Many new experiences had been accumulated , especially in our nation's key project such as Three Gorges Project , Xiaolangdi Project , etc.. This Standard is compiled by summarizing the new technique in our nation's cut-off wall construction practice and also combining the experiences from overseas projects.

书籍目录

Foreword1 Scope2 Normative References3 Terms and Definitions4 General5 Working Platform and Guide-walls 6 Slurry 7 Trench Excavation8 Materials and Construction of Cut-off Wall9 Connection between Panels10 Reinforcement Cage and Embedded Part11 Treatment for Special Circumstances12 Quality Inspection and Construction RecordsAppendix A (Normative Appendix) Criteria for Evaluating the Proportional Compressive Strength and Homogeneity Of Clay Concrete and Plastic ConcreteAppendix B (Informative Appendix) Forms of Figure and Table for Construction Record

章节摘录

插图：7.0.1 The axis and top elevation of the cut-off wall shall be controlled by survey benchmarks according to design requirements. 7.0.9 Determination of the trench length shall consider the factors, such as the engineering geological and hydrogeological conditions, construction location, trenching method, capability of equipment, duration of trenching, the supply of wall material, preformed holes in the wall, the layout of tremie pipes and the plan shape of the wall. The short trench may be adopted for closure trench, and arranged at location where the depth is relatively shallow and the conditions are relatively good. 7.0.3 Trenches may be constructed by stages and enough safety spacing shall be maintained between contiguous trenches that are constructed simultaneously. 7.0.4 Trenching equipment and method can be selected according to the strata, the structural type of wall and the capability of equipment, a combination of different equipment can be adopted when necessary. The trenching methods are as follows: trenching by concussion and split, trenching by drilling and grabbing, trenching by grabbing, trenching by cutting, etc.

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