

Research on Rock-Filled Concrete Dam

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Abstract

Rock-filled concrete dam is a new type of dams constructed by RFC technology. Dozens of RFC dam have been built in China. At first, a brief introduction to RFC dams is presented in this paper. Then, some researches of RFC are introduced. The research focus on mechanical properties and thermal-physical properties of RFC. Some data in situ are also presented. Research results demonstrated that the RFC has good properties to be employed to build dams.

Keywords: Rock-Filled Concrete, RFC dam, Properties of RFC.