

عنوان مقاله:

Determination of Required Concrete Strength of RCC Dams

محل انتشار:

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نویسندگان:

Mojtaba Farrokh - Mahab Ghodss Consulting Engineering Co

Mohammad Ali Karimi

خلاصه مقاله:

Required concrete strength of dams is usually determined based on the 2 or 3-dimensional developed stresses in the dam body. In the RCC dams, regarding the existence of weak liftjoints, strength of the dam concrete is different in vertical and horizontal directions. Furthermore, the other factors such as durability also affect the required RCC strength. In this paper a systematic method for determination of the required concrete strength of RCC gravity dams has been proposed. The proposed method has been utilized in a case study and the obtained results have been discussed

کلمات کلیدی:

Roller-Compacted Concrete (RCC), Gravity Dams, Required Concrete Strength, Stress Analysis, Design

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