

## عنوان مقاله:

EXPERIENCE GAINED DURING DESIGN AND CONSTRUCTION OF THE JEGIN RCC DAM IN IRAN

## محل انتشار:

سومین کنفرانس بین المللی بتن و توسعه (سال: 1388)

تعداد صفحات اصل مقاله: 14

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## خلاصه مقاله:

Construction of the Jegin RCC large dam in Iran has been completed in January 2007. Jegin dam with 78 meter height and 400,000 cube meter in concrete volume is located in a remote area at the South-east of the Country, in a region with very high temperatures and extremely difficult working conditions. Although the original design was already a straight gravity RCC dam type, when performing the definitive construction design some improvements were introduced in order to achieve an "RCC- friendly" design. As a consequence the new design, together with the optimization of the construction processes, enabled the Contactor to place the RCC rapidly and efficiently, which led to a better execution quality, a schedule reduction and lower cost. This paper deals with the original and actual design criteria and construction of RCC works including development of mix design and full scale trails. RCC placement, compaction and quality control procedures and other relevant aspects are also discussed

## کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/60597>

