State of the art review on the effect of the stressing pockets on the structural behavior of post-tensioned reinforced concrete slabs

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Abstract

This paper Presents the state of the art review of the behavior and analysis of post-tensioned RC structures at pocket locations. Addressing the main concept of post-tensioned concrete, usage, types, advantages and disadvantages, some tests performed on post-tensioned RC structures, problems that require the usage of stressing pockets. Moreover, acknowledging the work on post-tensioned RC beams and slabs with different approaches such as monitoring and fire control.

11th international conference on nano-technology in construction - 2019, March