

DEPARTMENT OF THE ARMY
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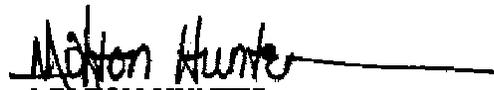
Engineer Manual
No. 1110-2-2104

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Engineering and Design
STRENGTH DESIGN FOR
REINFORCED-CONCRETE HYDRAULIC STRUCTURES

1. Purpose. This manual provides guidance for designing reinforced concrete hydraulic structures by the strength-design method. Plain concrete and prestressed concrete are not covered in this manual.
2. Applicability. This manual applies to all HQUSACE/OCE elements, major subordinate commands, districts, laboratories, and field operating activities having civil works responsibilities.

FOR THE COMMANDER:


MILTON HUNTER
Colonel, Corps of Engineers
Chief of Staff

This manual supersedes ETL 1110-2-312, Strength Design Criteria for Reinforced Concrete Hydraulic Structures, dated 10 March 1988 and EM 1110-2-2103, Details of Reinforcement-Hydraulic Structures, dated 21 May 1971.