

CECW-ET

Manual
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Engineering and Design
LOCK AND DAM GATE OPERATING AND CONTROL SYSTEMS

- 1. Purpose.** This manual establishes criteria and presents guidance for the mechanical and electrical design of navigation lock and spillway gate operating systems for both new construction and the rehabilitation of existing projects.
- 2. Applicability.** This manual applies to all USACE commands having civil works responsibilities.
- 3. Distribution Statement.** This manual is approved for public release; distribution is unlimited.
- 4. Discussion.** Properly designed lock and dam gate operating and control equipment are critical to the successful operation and maintenance of Corps facilities. Efficiency and reliability of the operation of navigation locks and dams and the continued safe operation of Corps projects depend on how well the gate operating equipment is designed, manufactured, operated and maintained.

FOR THE COMMANDER:



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