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(metric)

**Specification for Tightness Testing of
Environmental Engineering Concrete
Containment Structures
(ACI 350.1M-10) and Commentary**

Reported by ACI Committee 350



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Specification for Tightness Testing of Environmental Engineering Concrete Containment Structures (ACI 350.1M-10) and Commentary

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Specification for Tightness Testing of Environmental Engineering Concrete Containment Structures (ACI 350.1M-10) and Commentary

An ACI Standard

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The committee would like to thank David Poole, Paul Hedli, and Kyle Loyd for their contributions to this specification.

These test methods give procedures and criteria for tightness testing of environmental engineering concrete structures. They are applicable to liquid and gas containment structures constructed with concrete or a combination of concrete and other materials. This document includes hydrostatic, surcharged hydrostatic, and pneumatic tests.

These test methods may involve hazardous materials, operations, and equipment. This document does not purport to address all of the safety problems associated with its use. It is the responsibility of the user of this document to establish appropriate safety and health practices and determine the applicability of regulatory limitations before use.

Keywords: containment structures; hydrostatic; leakage; pneumatic; reservoirs; tests; tightness; tightness criteria.

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