

Recommendation on Environmental Performance Verification for Concrete Structures (Draft)

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Chapter 1 General

1.1 Scope

This Recommendation (draft) provides general principles for considering environmental influences when designing, constructing, servicing, maintaining/managing, dismantling, and disposing of, or recycling a concrete structure.

1.2 Design of concrete structures and positioning of this Recommendation (draft)

- (1) In general, a concrete structure shall be designed to meet the requirements for serviceability, safety, durability, and environmental influence throughout its design service life.
- (2) Of these, this Recommendation (draft) provides general principles for procedures for considering environmental influences.
- (3) Specifications regarding the serviceability, safety, and durability of structures that are not described in this Recommendation (draft) shall follow the Standard Specifications. Structures shall be designed to fully satisfy in a well-balanced manner the requirements for these specifications, as well as those of environmental influences.

1.3 Procedure for considering environmental influences

The environmental influences of a concrete structure shall be considered by comparing the environmental performance with the required specifications.

1.4 Definitions

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When designing, constructing, servicing, maintaining/managing, dismantling, and disposing of, or recycling concrete structures, the influences of these actions on the environment shall be considered.

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2.3 Establishing criteria for environmental performance

2.3.1 General

2.3.2 Establishing criteria for environmental performance

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