

ISO 13315-2:2025-01 (E)

Environmental management for concrete and concrete structures - Part 2: System boundary and inventory data

Contents		Page
Foreword		iv
Introduction		v
1 Scope		1
2 Normative references		1
3 Terms and definitions		1
4 System boundary		2
4.1 General.....		2
4.2 Constituents.....		2
4.2.1 Cement.....		2
4.2.2 Additions and admixtures.....		4
4.2.3 Aggregate.....		5
4.2.4 Other materials.....		7
4.3 Reinforcing and prestressing steel.....		7
4.4 Formwork, falsework and machinery.....		8
4.5 Concrete.....		9
4.6 Precast concrete.....		10
4.7 Execution of concrete structures.....		11
4.7.1 Composing items.....		11
4.7.2 Earthwork and foundation work.....		12
4.7.3 Formwork.....		12
4.7.4 Reinforcement work.....		12
4.7.5 Concreting work.....		13
4.7.6 Waste treatment.....		13
4.8 Use of concrete structures.....		13
4.8.1 Composing items.....		13
4.8.2 Operation.....		14
4.8.3 Maintenance and remedial activity.....		14
4.9 End phase of concrete and concrete structures.....		14
4.9.1 Composing items.....		14
4.9.2 Demolition work.....		14
4.9.3 Intermediate treatment.....		15
4.9.4 Final disposal.....		16
5 Inventory data		17
5.1 General.....		17
5.2 Constituents.....		18
5.2.1 Cement.....		18
5.2.2 Additions and admixtures.....		19
5.2.3 Aggregate.....		20
5.2.4 Other materials.....		21
5.3 Reinforcing and prestressing steel.....		21
5.4 Formwork, falsework and machinery.....		22
5.5 Production of concrete.....		23
5.6 Execution of concrete structures.....		24
5.7 Use of concrete structures.....		25
5.8 End phase of concrete and concrete structures.....		26
6 Critical review and its storage		27
Bibliography		28