

ISO/TR 22861:2025-10 (E)

Guidance on marine environment zonation for steel corrosion embedded in concrete

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Fundamental	2
4.1	Transfer mechanisms	2
4.2	Environmental action	2
4.3	Exposure zone	2
5	Investigation	2
5.1	Investigation object	2
5.2	Investigation content	2
6	Exposure zone division	2
7	Exposure zone determination based on environmental action measurement of standard specimens	3
7.1	Specimen fabrication	3
7.2	Specimen placement	3
7.3	Test procedure	4
7.4	Exposure zone determination	4
Annex A (informative) Influence factor of marine environmental action and normative estimation process of typical exposure zones		6
Annex B (informative) A case of exposure zone determination with the corrosion potential of the reinforcement		8
Annex C (informative) A case of exposure zone determination with the surface chloride ion concentration		11
Annex D (informative) A case of exposure zone determination with the concrete electrical resistivity		15
Bibliography		17