

ISO 16145-1:2012-10 (E)

Ships and marine technology - Protective coatings and inspection method - Part 1: Dedicated sea water ballast tanks

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	2
3 Terms and definitions	3
4 Symbols and abbreviated terms	4
4.1 Symbols	4
4.2 Abbreviated terms	4
5 General procedures for coating work	4
6 Standard for coating work	6
6.1 Surface preparation	6
6.2 Primary surface preparation and shop priming	7
6.3 Secondary surface preparation	9
6.4 Coating	10
6.5 Treatment for coating defects	13
7 Inspection	14
7.1 Inspection procedure	14
7.2 Coating inspection	14
7.3 Dry film thickness measurement	16
Annex A (informative) Measurement of the conductivity for abrasives	21
Annex B (informative) Measurement of water soluble salt	23
Annex C (informative) Inspection items and management of inspection	25
Annex D (informative) Assessment for the degree of damage	30
Annex E (informative) Standard for coating technical file (CTF)	31
Bibliography	40