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 Termsanddefinitions 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 Dryfilmthicknessmeasurement 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)Standardforcoatingtechnicalfile(CTF) 31

Bibliography 40