ISO 17712:2013-05 (E)

Freight containers - Mechanical seals

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Termsanddefinitions 1
3.1 General terms 1
3.2 Terms describing different types of mechanical seals 2

4 Seal requirements 4
4.1 General and environmental 4
4.2 Marking 4
4.3 Identification marks 5
4.4 Evidence of tampering 5

5 Testingforsealclassification 6
5.1 General 6
5.2 Tensile test 6
5.3 Shear test 11
5.4 Bending test 15
5.5 Impact test 17
5.6 Seal classification test report 19

6 Evidence of tampering 19
6.1 General 19
6.2 Test apparatus 20
6.3 Test tools 21
6.4 Test methods 21
6.5 Evidence of tampering 22
6.6 Test results 23

Annex A (normative) Seal manufacturers' security-related practices 24

Annex B (normative) Transition time for requirements of amended Clause 6 29

Bibliography 30