ISO 23430:2019-12 (E)

Ships and marine technology - Specification of high manganese austenitic steel thin strips used for LNG tanks on board ships

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Required specification 2

5 Manufacture 2
5.1 Steel-making practice 2
5.2 Steel strips 2
5.3 Dimension 2

6 Chemical composition and mechanical properties 2
6.1 Chemical composition 2
6.2 Mechanical properties 2
6.2.1 Requirements of tensile strength and yield strength 2
6.2.2 Toughness requirements 3
6.2.3 Bend test 3
6.3 Supplementary requirements 3

7 Test procedures 4
7.1 Mechanical test 4
7.2 Retest procedures 4

8 Weldability 4

9 Marking 4

10 Documentation 4

Bibliography 5