ISO 9328-4:2004-08 (E)

Steel flat products for pressure purposes - Technical delivery conditions - Part 4: Nickel-alloy steels with specified low temperatur e properties

Contents

Page

Foreword iv

Introduction v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Classification and designation 1
4.1 Classification 1
4.2 Designation 1

5 Information to be supplied by the purchaser 2
5.1 Mandatory information 2
5.2 Options 2
5.3 Example of ordering 2

6 Requirements 2
6.1 Steelmaking process 2
6.2 Delivery condition 2
6.3 Chemical composition 3
6.4 Mechanical properties 4
6.5 Surface condition 4
6.6 Internal soundness 4
6.7 Dimensions and tolerances on dimensions 4
6.8 Calculation of mass 4

7 Inspection 4
7.1 Types of inspection and inspection documents 4
7.2 Tests to be carried out 4
7.3 Retests 4

8 Sampling 4

9 Test methods 4

10 Marking 5

Annex A (normative) Chemical composition and mechanical properties of products delivered in accordance with European design codes 6

Annex B (normative) Chemical composition and mechanical properties of products delivered in accordance with ASME type design codes 9

designation of comparable steel grades in national or regional standards 11

Annex D (informative) Guidelines for heat treatment 12

Bibliography 13