

ISO 9328-7:2004-05 (E)

Steel flat products for pressure purposes - Technical delivery conditions - Part 7: Stainless steels

Contents	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Classification and designation	2
5 Information to be supplied by the purchaser	2
5.1 Mandatory information	2
5.2 Options	2
5.3 Example for ordering	2
6 Requirements	2
6.1 Steelmaking process	2
6.2 Delivery condition	2
6.3 Chemical composition and chemical corrosion properties	2
6.4 Mechanical properties	3
6.5 Surface condition	3
6.6 Internal soundness	3
6.7 Post-weld heat treatment	3
6.8 Dimensions and tolerances	3
6.9 Calculation of mass	3
6.10 Physical properties	3
7 Inspection	4
7.1 Types of inspection and inspection documents	4
7.2 Tests to be carried out	4
7.3 Re-tests	4
8 Sampling	4
8.1 Frequency of testing	4
8.2 Selection and preparation of samples and test pieces	4
9 Test methods	4
10 Marking	4
Annex A (normative) Guidelines for further treatment (including heat treatment) in fabrication	23
Annex B (informative) Preliminary reference data for the tensile strength of austenitic-ferritic steels at elevated temperatures	26
Annex C (informative) Reference data on strength values for 1 % (plastic) creep strain and creep rupture	27

Annex D (informative) Reference data on mechanical properties at low temperature of austenitic steels	34
Annex E (informative) Post-weld heat treatment	36
Annex F (informative) Reference data on some physical properties	38
Bibliography	44