

ISO 9328-3:2018-02 (E)

Steel flat products for pressure purposes - Technical delivery conditions - Part 3: Weldable fine grain steels, normalized

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Classification and designation	1
4.1	Classification	1
4.2	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	3
6	Requirements	3
6.1	Steelmaking process	3
6.2	Delivery condition	3
6.3	Chemical composition	3
6.4	Mechanical properties	4
6.5	Surface condition	4
6.6	Internal soundness	5
6.7	Weldability	5
6.8	Dimensions and tolerances	5
6.9	Calculation of mass	5
6.10	Resistance to hydrogen-induced cracking	5
7	Inspection	6
7.1	Types of inspection and inspection documents	6
7.2	Tests to be carried out	6
7.3	Retests, sorting and reprocessing	6
8	Sampling	6
9	Test methods	6
10	Marking	6
Annex A (normative)	Chemical composition and mechanical properties of products delivered in accordance with European design codes	7
Annex B (normative)	Chemical composition and mechanical properties of products delivered in accordance with ASME-type design codes	13
Annex C (informative)	Steel designations in accordance with this document and designation of comparable steel grades in national or regional standards	17
Annex D (informative)	Evaluation of resistance to hydrogen-induced cracking	18
Bibliography		19