

DIN EN ISO 9606-1:2017-12 (E)

Qualification testing of welders - Fusion welding - Part 1: Steels (ISO 9606-1:2012 including Cor 1:2012 and Cor 2:2013)

Contents	Page
European foreword	3
Annex ZA (informative) Relationship between this European Standard and the essential requirements of EU Directive 2014/68/EU [2014 OJ L 189] (PED) aimed to be covered	4
Annex ZB (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2014/29/EU (SPVD) [2014 OJ L96]	5
Foreword	6
Introduction	7
1 Scope	8
2 Normative references	8
3 Terms and definitions	9
4 Reference numbers, symbols and abbreviated terms	11
4.1 General	11
4.2 Reference numbers of welding processes	11
4.3 Symbols and abbreviated terms	11
5 Essential variables and range of qualification	13
5.1 General	13
5.2 Welding processes	14
5.3 Product type	15
5.4 Type of weld	16
5.5 Filler material grouping	16
5.6 Filler material type	17
5.7 Dimensions	18
5.8 Welding positions	20
5.9 Weld details	22
6 Examination and testing	22
6.1 Examination	22
6.2 Test pieces	23
6.3 Welding conditions	25
6.4 Test methods	25
6.5 Test piece and test specimen	26
6.6 Test report	30
7 Acceptance requirements for test pieces	30
8 Re-tests	31
9 Period of validity	31
9.1 Initial qualification	31
9.2 Confirmation of the validity	31
9.3 Revalidation of welder qualification	31
9.4 Revocation of qualification	31

10	Welder's qualification test certificate	32
11	Designation	32
	Annex A (informative) Welder's qualification test certificate	34
	Annex B (informative) Job knowledge	35
	Annex C (informative) FW/BW test assembly option	38
	Bibliography	39