

DIN EN 287-6:2010-05 (E)

Qualification test of welders - Fusion welding - Part 6: Cast iron

Contents		Page
Foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	6
4	Symbols and abbreviations	6
4.1	General	6
4.2	Reference numbers of welding processes	6
4.3	Abbreviations	6
5	Essential variables	8
5.1	General	8
5.2	Welding processes	8
5.3	Type of weld and joint preparation	8
5.4	Material groups	8
5.5	Weld metals	8
5.6	Welding positions	9
6	Range of qualification	9
6.1	General	9
6.2	Welding process	9
6.3	Welding position	9
6.4	Cast iron material groups	9
6.5	Test piece	10
6.6	Mode of operation	10
7	Procedure of the qualification test and examination	10
7.1	Supervision	10
7.2	Shapes and dimensions of test pieces	10
7.3	Welding conditions	11
7.4	Range of testing	11
7.5	Test pieces and test specimen	11
8	Acceptance requirements for test pieces	14
9	Re-test	1
10	Period of validity	15
10.1	Initial qualification	15
10.2	Confirmation of the validity	15
10.3	Prolongation of qualification	15
11	Certificate	15
12	Designation	16
Annex A (informative)	Material groups of cast iron (according to CEN ISO/TR 15608:2005)	17

Annex B (informative) Welder's qualification test certificate	18
Annex C (informative) Job knowledge	19
C.1 General	19
C.2 Requirements	19
Bibliography	23