

ISO 15614-13:2005-02 (E)

Specification and qualification of welding procedures for metallic materials - Welding procedure test - Part 13: Resistance butt and flash welding

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	2
3	Terms and definitions	3
4	Preliminary welding procedure specification (pWPS)	3
5	Welding procedure test	3
6	Test piece and test specimen	3
6.1	General	3
6.2	Shape and dimensions of test specimens	4
6.3	Welding of components, test pieces or test specimens	5
7	Testing and examination	5
7.1	Extent of testing	5
7.2	Non-destructive testing	5
7.3	Destructive tests	6
7.4	Macrosection	6
7.5	Hardness distribution	6
7.6	Re-testing	6
8	Range of qualification	7
8.1	General	7
8.2	Related to the manufacturer	7
8.3	Related to the parent metal	7
8.4	Welding procedures	7
8.5	Test certificate	7
9	Welding procedure qualification record (WPQR)	7
Annex A (informative)	Example of welding procedure qualification -- Test certificate	8
Annex B (informative)	Example of welding procedure qualifications record form (WPQR)	10