

# ISO 15614-8 :2002-04 (E)

Specification and qualification of welding procedures for metallic materials\_ - Welding procedure test\_ - Part\_8: Welding of tubes to tube-plate joints

---

## Contents

	page
Foreword.....	vi
1 Scope .....	1
2 Normative references .....	1
3 Terms, definitions and symbols .....	2
3.1 Terms and definitions.....	2
3.2 Symbols .....	2
4 Preliminary Welding Procedure Specification (pWPS) .....	3
4.1 General.....	3
4.2 Items for all welding processes.....	3
4.3 Items for particular welding processes .....	4
5 Qualification of welding procedure.....	5
6 Welding of test pieces .....	5
6.1 General.....	5
6.2 Type of test piece.....	5
7 Examination and testing .....	7
7.1 Performance .....	7
7.2 Acceptance levels.....	9
8 Range of qualification .....	11
8.1 General.....	11
8.2 Related to the manufacturer .....	11
8.3 Related to the material .....	12
8.4 Common to all welding procedures .....	12
9 Welding, Procedure Qualification Record form (WPQR) .....	13
Annex A (informative) Welding Procedure Qualification Record form for tube to tube-plate joints (WPQR).....	14
Annex ZA (normative) Corresponding International and European Standards for which equivalents are not given in the text.....	19