ISO 15609-6:2013-03 (E)

Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 6: La ser-arc hybrid welding

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Technical contents of welding procedure specification (WPS) 3
4.1 General 3
4.2 Related to the manufacturer 3
4.3 Related to the parent materials 3
4.4 Welding process 3
4.5 Joint design 3
4.6 Welding position 4
4.7 Joint preparation 4
4.8 Welding technique 4
4.9 Fixtures, jigs and tooling 4
4.10 Backing 4
4.11 Filler material 4
4.12 Equipment used 5
4.13 Welding parameters 5
4.14 Thermal conditions 7
4.15 Operations between runs and after welding 7

Annex A (informative) Example of welding procedure specification for laser-arc hybrid welding 8