ISO 15609-4:2009-05 (E)

Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 4: Laser beam welding

Contents

Page

Foreword iv

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Technical content of welding procedure specification 3
4.1 General 3
4.2 Welding process 3
4.3 Manufacturer 4
4.4 Equipment 4
4.5 Parent materials 5
4.6 Filler or other additional material(s) 5
4.7 Joint design 5
4.8 Joint and surface preparation 5
4.9 Jigs, fixtures and tooling 6
4.10 Welding position 6
4.11 Backing 6
4.12 Welding technique 6
4.13 Welding parameters 6
4.14 Preheating and post-weld heat treatment 7
4.15 Operations after welding 7

Annex A (informative) Examples of welding procedure specification 8

Bibliography 13