

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