

DIN EN ISO 15609-6:2013-06 (E)

Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 6: Laser-arc hybrid welding (ISO 15609:2013)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Technical contents of welding procedure specification (WPS)	6
4.1	General	6
4.2	Related to the manufacturer	6
4.3	Related to the parent materials	6
4.4	Welding process	6
4.5	Joint design	6
4.6	Welding position	7
4.7	Joint preparation	7
4.8	Welding technique	7
4.9	Fixtures, jigs and tooling	7
4.10	Backing	7
4.11	Filler material	7
4.12	Equipment used	8
4.13	Welding parameters	8
4.14	Thermal conditions	10
4.15	Operations between runs and after welding	10
Annex A (informative) Example of welding procedure specification for laser-arc hybrid welding		11