

DIN EN ISO 15610:2024-06 (E)

Specification and qualification of welding procedures for metallic materials - Qualification based on tested welding consumables (ISO 15610:2024)

Contents

Page

- European foreword 3
- Foreword 4
- Introduction 5
- 1 Scope 6
- 2 Normative references 7
- 3 Terms and definitions 7
- 4 Limits of the application of this document 7
 - 4.1 Limits related to the welded joint 7
 - 4.1.1 Parent material 7
 - 4.1.2 Parent material thickness, *t* 8
 - 4.1.3 Fillet weld throat thickness, *a* 8
 - 4.2 Limits common to all welding processes 8
 - 4.2.1 Multiple-process welding procedures 8
 - 4.2.2 Welding positions 8
 - 4.2.3 Welding consumables 8
 - 4.2.4 Type of current 8
 - 4.3 Limits specific for the welding process 8
 - 4.3.1 Processes 131, 132, 133, 135, 136 and 138 8
 - 4.3.2 Processes 141 and 15 8
 - 4.3.3 Process 121 8
- 5 Preliminary welding procedure specification (pWPS) 9
- 6 Qualification of the pWPS 9
- 7 Welding procedure qualification record (WPQR) 9
- Annex A (informative) Example of a WPQR form 10
- Bibliography 11