

ISO 3834-6:2024-02 (E)

Quality requirements for fusion welding of metallic materials - Part 6: Guidelines on implementing the ISO 3834 series

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Abbreviated terms	1
5	Using the ISO 3834 series	1
5.1	General	1
5.2	Product standards	2
5.3	Purchasers and users	2
5.4	Quality management systems in accordance with ISO 9001	2
5.5	Quality management systems other than ISO 9001	2
5.6	Manufacturers	2
6	Incorporating the ISO 3834 series in product standards	2
7	Using other documents with the ISO 3834 series	2
8	Documentation and quality systems	3
8.1	Documentation	3
8.2	Quality management system	3
9	Selecting the level of quality requirements	4
10	Implementation in fabrication	6
10.1	General guidelines for implementation	6
10.1.1	Basic principles	6
10.1.2	Implementation	6
10.1.3	Control of welding	8
10.1.4	Production procedures	8
10.2	Organization	9
11	Interpretation of particular clauses in the ISO 3834 series	10
11.1	Requirements review and technical review	10
11.2	Subcontracting	10
11.3	Welding coordination	11
11.3.1	General	11
11.3.2	Welding coordinator	11
11.3.3	Welding inspection personnel	12
11.3.4	NDT personnel	12
11.3.5	Correlation between ISO 14731 and ISO 3834 series quality levels	12
11.4	Equipment	13
11.5	Welding activities	13
11.6	Storage of parent metal	13
11.7	Calibration and validation	13
11.8	Identification and traceability	14
12	Assessment and certification	14
Annex A (informative) Examples of documents for the control of welding-related activities		15
Bibliography		18