

ISO 14373:2006-08 (E)

Resistance welding - Procedure for spot welding of uncoated and coated low carbon steels

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	2
3	Terms and definitions	2
4	Symbols and abbreviated terms	4
5	Material	4
5.1	Form	4
5.2	Steel grades	4
6	Surface conditions	5
7	Edge conditions, form of component, and weld spacing	5
8	Electrodes	5
8.1	Materials	5
8.2	Dimensions	5
8.3	Cooling of electrodes	7
9	Weld assessment	8
9.1	General	8
9.2	Weldability tests	8
9.3	Production tests	8
9.4	Frequency of testing	8
10	Weld quality requirements	9
10.1	Weld diameter	9
10.2	Weld penetration and indentation	9
10.3	Weld fracture mode	9
10.4	Weld shear strength	9
10.5	Weld appearance	10
11	Multi-weld arrays	10
Annex A (informative) Recommendations for spot welding equipment		12
Annex B (informative) Typical spot welding conditions		13
Annex C (informative) Partial list of steel types applicable to this International Standard		15
Bibliography		16