

ISO 24598:2007-11 (E)

Welding consumables - Solid wire electrodes, tubular cored electrodes and electrode/flux combinations for submerged arc welding of creep-resisting steels - Classification

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Classification	2
4	Symbols and requirements	3
4.1	Symbol for the product/process	3
4.2	Symbols for the tensile properties of the all-weld metal deposit	3
4.3	Symbols for impact properties of all-weld metal deposits	3
4.4	Symbol for types of welding flux	5
4.5	Symbol for the chemical composition of solid wire electrodes and of all-weld metal deposits	5
4.6	Rounding-off procedure	6
5	Mechanical tests	9
5.1	Preheating, interpass and post-weld heat treatment temperatures	9
5.2	Welding conditions and pass sequence	12
6	Chemical analysis	13
7	Retests	13
8	Technical delivery conditions	14
9	Examples of designations	14
Bibliography		17