

ISO 9934-2:2002-12 (E)

Non-destructive testing - Magnetic particle testing - Part 2: Detection media

Contents		Page
Foreword		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Safety precautions	2
5	Classification	2
5.1	General	2
5.2	Magnetic inks	2
5.3	Powders	2
6	Testing and test certificate	2
6.1	Type testing and batch testing	2
6.2	In service testing	2
7	Requirements and test methods	2
7.1	Performance	2
7.2	Colour	3
7.3	Particle size	3
7.4	Temperature resistance	3
7.5	Fluorescent coefficient and fluorescent stability	3
7.6	Fluorescence of carrier liquid	5
7.7	Flash point	5
7.8	Corrosion induced by detection media	5
7.9	Viscosity of the carrier liquid	5
7.10	Mechanical stability	5
7.11	Foaming	6
7.12	pH	6
7.13	Storage stability	6
7.14	Solids content	6
7.15	Sulphur and halogen content	6
8	Testing requirements	7
9	Test report	7
10	Packaging and labelling	7
Annex A (normative) Procedure for type, batch and in service testing		10
Annex B (normative) Reference blocks		12
Annex C (normative) Corrosion testing of steel		17
Bibliography		21