

DIN EN ISO 9934-3:2015-12 (E)

Non-destructive testing - Magnetic particle testing - Part 3: Equipment (ISO 9934-3:2015)

Contents

	Page
European foreword	3
Foreword	4
1 Scope	5
2 Normative references	5
3 Safety requirements	5
4 Types of devices	5
4.1 Portable electromagnets (AC)	5
4.1.1 General	5
4.1.2 Technical data	6
4.1.3 Technical requirements	7
4.1.4 Additional requirements	7
4.2 Current generators	7
4.2.1 General	7
4.2.2 Technical data	8
4.2.3 Technical requirements	9
4.3 Magnetic benches	9
4.3.1 General	9
4.3.2 Technical data	9
4.3.3 Technical requirements	10
4.3.4 Additional requirements	10
4.4 Specialized testing systems	10
4.4.1 Technical data	11
4.4.2 Technical requirements	11
5 UV-A sources	12
5.1 General	12
5.2 Technical data	12
5.3 Technical requirements	12
6 Detection media system	12
6.1 General	12
6.2 Technical data	12
6.3 Technical requirements	13
7 Inspection booth	13
7.1 General	13
7.2 Technical data	13
7.3 Technical requirements	13
8 Demagnetization	14
8.1 General	14
8.2 Technical data	14
8.3 Technical requirements	14
9 Measurements	14
9.1 General	14
9.2 Current measurement	14
9.3 Magnetic field measurement	15
9.3.1 General	15
9.3.2 Technical data	15
9.3.3 Technical requirements	15
9.4 Viewing conditions	15
9.5 Verification and calibration of instruments	15
Bibliography	16