

CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope	7
2 Terms and definitions	7
3 Testing levels and performance limits	8
4 Test methods.....	9
4.1 Test method applications	9
4.2 Wrist strap continuity and resistance test	10
4.2.1 Purpose of test	10
4.2.2 Equipment	10
4.2.3 Procedure.....	11
4.2.4 Reporting.....	11
4.3 Band resistance test	11
4.3.1 Purpose of test	11
4.3.2 Equipment	11
4.3.3 Procedure (interior resistance).....	12
4.3.4 Procedure (exterior resistance).....	12
4.3.5 Reporting.....	12
4.4 Band size requirements	12
4.4.1 Purpose of test	12
4.4.2 Equipment	12
4.4.3 Self-adjusting bands	12
4.4.4 “One-size-fits-all” bands	13
4.5 Breakaway force	13
4.5.1 Purpose of test	13
4.5.2 Breakaway force measurement.....	13
4.6 Connection integrity	13
4.6.1 Purpose of test	13
4.6.2 Equipment	13
4.6.3 Procedure.....	13
4.6.4 Reporting.....	14
4.7 Ground cord extendibility	14
4.7.1 Purpose of test	14
4.7.2 Ground cord extendibility procedure	14
4.8 Bending life test.....	14
4.8.1 Purpose of test	14
4.8.2 Equipment	14
4.8.3 Procedure.....	15
4.8.4 Reporting.....	16
4.9 Manufacturer’s identification	16
4.10 Identification of non-standard resistance value	16
4.11 Wrist strap resistance	16
4.11.1 Purpose of test	16
4.11.2 Equipment	16
4.11.3 Procedure.....	16

4.11.4	Reporting.....	16
4.12	Wrist strap system continuity test.....	16
4.12.1	Purpose of test	16
4.12.2	Equipment	17
4.12.3	Procedure with ohmmeter	18
4.12.4	Procedure with integrated checker.....	18
4.12.5	Reporting.....	18
	Bibliography.....	19
	Figure 1 – Wrist strap resistance test apparatus	11
	Figure 2 – Mechanical ground cord flex tester (example)	15
	Figure 3 – Wrist strap system resistance test.....	18
	Table 1 – Evaluation testing.....	9
	Table 2 – Acceptance testing	9
	Table 3 – Periodic or verification testing	9