
TABLE OF CONTENTS

1.0 PURPOSE AND SCOPE	1
1.1 PURPOSE	1
1.2 SCOPE	1
2.0 REFERENCED PUBLICATIONS	1
3.0 DEFINITION OF TERMS	1
4.0 PERSONNEL SAFETY	1
5.0 TEST EQUIPMENT	2
5.1 WRISTBAND.....	2
5.2 WRIST STRAP WITH ONE-MEGOHM RESISTOR.....	2
5.3 WRIST STRAP WITHOUT ONE-MEGOHM RESISTOR.....	2
5.4 CONSTANT AREA AND FORCE ELECTRODE (CAFE)	2
5.5 RESISTANCE MEASUREMENT APPARATUS	2
5.6 CONCENTRIC RING ELECTRODE ASSEMBLY	3
5.7 TWO-POINT RESISTANCE PROBE	3
5.8 SPECIMEN SUPPORT SURFACE	3
5.9 BOTTOM ELECTRODE	3
6.0 SPECIMENS PREPARATION AND CONDITIONING FOR TESTING	5
6.1 LOW HUMIDITY ENVIRONMENT	5
6.2 MODERATE HUMIDITY ENVIRONMENT.....	5
7.0 TEST PROCEDURE	5
7.1 INTRINSIC RESISTANCE MEASUREMENTS	5
7.2 SPECIMEN REQUIREMENTS	5
7.3 RESISTANCE MEASUREMENT PROCEDURE FOR GLOVES OR FINGER COTS	5
 ANNEXES	
Annex A (Normative): Intrinsic Resistance Test of Gloves and Finger Cots using ANSI/ESD STM11.11, ANSI/ESD STM11.12, and ANSI/ESD STM11.13	8
Annex B (Informative): Intrinsic Versus System Resistance Measurement Differences.....	11
Annex C (Informative): Test Report Example.....	12
Annex D (Informative): Revision History for ANSI/ESD STM15.1.....	13

FIGURES

Figure 1: Constant Area and Force Electrode (CAFE)..... 4
Figure 2: CAFE Test Setup 7
Figure 3: Surface Resistance 8
Figure 4: Volume Resistance 9
Figure 5: Two-Point Resistance 10
Figure 6: CAFE Test Versus Nitrile Glove Intrinsic Resistance 11