
TABLE OF CONTENTS

1.0 PURPOSE AND SCOPE.....	1
1.1 PURPOSE	1
1.2 SCOPE	1
2.0 REFERENCED PUBLICATIONS.....	1
3.0 DEFINITIONS.....	1
4.0 PERSONNEL SAFETY	1
5.0 GENERAL DISCUSSION.....	2
6.0 TEST EQUIPMENT	2
6.1 ELECTRODE ASSEMBLY	2
6.1.1 <i>Top Electrode</i>	3
6.1.2 <i>Bottom Electrode Support</i>	4
6.2 RESISTANCE MEASUREMENT APPARATUS.....	5
6.3 SYSTEM VERIFICATION FIXTURES	5
7.0 SAMPLE PREPARATION AND CONDITIONING.....	6
8.0 LOW RESISTANCE RANGE SYSTEM VERIFICATION PROCEDURE	6
9.0 UPPER RESISTANCE RANGE SYSTEM VERIFICATION PROCEDURE	6
10.0 TEST METHOD.....	7
11.0 REPORTING VOLUME RESISTANCE DATA	7

ANNEXES

Annex A (Informative): Volume Resistivity Calculation from Volume Resistance Results.....	9
Annex B (Informative): Revision History for ANSI/ESD STM11.12.....	10

FIGURES

Figure 1: Volume Resistance Set-up.....	2
Figure 2: Concentric Ring Electrode Assembly - Typical	3
Figure 3: Volume Resistance Test Set-up.....	3
Figure 4: Example of Bottom Electrode.....	4
Figure 5: Low Resistance Verification Fixture	5
Figure 6: Upper Resistance Verification Fixture	6
Figure 7: System Verification Procedure	7