

---

## TABLE OF CONTENTS

<b>1.0 PURPOSE AND SCOPE</b> .....	<b>1</b>
1.1 PURPOSE .....	1
1.2 SCOPE .....	1
<b>2.0 REFERENCE PUBLICATIONS</b> .....	<b>1</b>
<b>3.0 DEFINITIONS</b> .....	<b>1</b>
<b>4.0 PERSONNEL SAFETY</b> .....	<b>1</b>
<b>5.0 REQUIRED EQUIPMENT</b> .....	<b>2</b>
5.1 TEST APPARATUS .....	2
5.1.1 <i>Disk Assembly</i> .....	2
5.1.2 <i>Test Sample Support Table</i> .....	2
5.1.3 <i>Disk Raising/Lowering Mechanism (RLM)</i> .....	2
5.1.4 <i>Control Panel and Contact Timer</i> .....	2
5.1.5 <i>Test Cabling</i> .....	2
5.1.6 <i>Disk Suspension Cord</i> .....	3
5.1.7 <i>Apparatus Housing</i> .....	3
5.2 CHARGE PLATE MONITOR .....	3
5.3 COULOMB METER AND VOLTAGE SOURCE.....	3
5.4 OHMMETER .....	3
5.5 ENVIRONMENTAL CHAMBER.....	3
<b>6.0 TEST SAMPLES</b> .....	<b>3</b>
<b>7.0 TEST SAMPLE PREPARATION / CONDITIONING</b> .....	<b>3</b>
<b>8.0 TEST PROCEDURES</b> .....	<b>4</b>
8.1 MEASUREMENT OF DISK ASSEMBLY CAPACITANCE .....	4
8.2 DISK ISOLATION AND SYSTEM VERIFICATION .....	4
8.3 SAMPLE TESTING.....	5
8.3.1 <i>Pretest Preparations</i> .....	5
8.3.2 <i>Charge Dissipation Test</i> .....	5
<b>9.0 DATA REPORTING</b> .....	<b>5</b>
9.1 SAMPLE DATA REPORTING SHEET .....	6
9.2 DATA REPORTING SHEET .....	7

**FIGURES**

Figure 1: Charge Dissipation Test Apparatus ..... 8  
Figure 2: Disk Assembly ..... 9  
Figure 3: Charge Plate Detail ..... 9

**TABLES**

Table 1: Summary of Results of Capacitance Calculation ..... 4

**ANNEXES**

Annex A (Informative): Interpretation of Data ..... 10  
Annex B (Normative): Triboelectric Contribution Test ..... 11