

## QUALIFICATION REPORT – ANSI/ESD S20.20

### SCS TG1M - TOE GRINDER, 1 MEG

ANSI/ESD S20.20	SCS Test Results	Test Methods
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**Point-to-Groundable-Point Resistance (ohms), 48-72 hours, 10V/100V, N=6 specimens**

@12%RH, 23°C	< 1.0 x 10 <sup>9</sup>	See Table 1	ANSI/ESD SP9.2
@ 50%RH, 23°C	< 1.0 x 10 <sup>9</sup>	See Table 1	ANSI/ESD SP9.2

**Test Equipment (Calibration records and test results are located at our corporate lab (Sanford, NC)):**

For Test Method ANSI/ESD SP9.2:

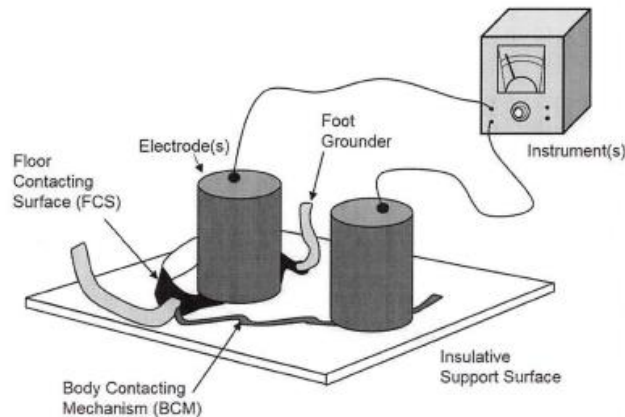
- ETS Controlled Environment Chamber (Model 5532)
- SCS Surface Resistance Meter (Model 770761)

**Test Data:**

**Table 1 – Resistance (ohms)**

Specimen	Point-to-Groundable-Point Resistance (ohms)	
	@ 23°C, 12%RH, 48-72 hours	@ 23°C, 50%RH, 48-72 hours
1	9.93 x 10 <sup>5</sup>	8.72 x 10 <sup>5</sup>
2	9.86 x 10 <sup>5</sup>	8.70 x 10 <sup>5</sup>
3	9.66 x 10 <sup>5</sup>	8.75 x 10 <sup>5</sup>
4	9.92 x 10 <sup>5</sup>	8.66 x 10 <sup>5</sup>
5	9.88 x 10 <sup>5</sup>	8.70 x 10 <sup>5</sup>
6	9.93 x 10 <sup>5</sup>	8.72 x 10 <sup>5</sup>
<b>Min =</b>	9.66 x 10 <sup>5</sup>	8.66 x 10 <sup>5</sup>
<b>Max =</b>	9.93 x 10 <sup>5</sup>	8.75 x 10 <sup>5</sup>
<b>Mean =</b>	9.86 x 10 <sup>5</sup>	8.71 x 10 <sup>5</sup>

**References:**



**ANSI/ESD SP9.2 – Figure 1: Foot Grinder Resistance Test**