

## QUALIFICATION REPORT – ANSI/ESD S20.20

### SCS NS-HGC1M HEEL GRINDER

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:

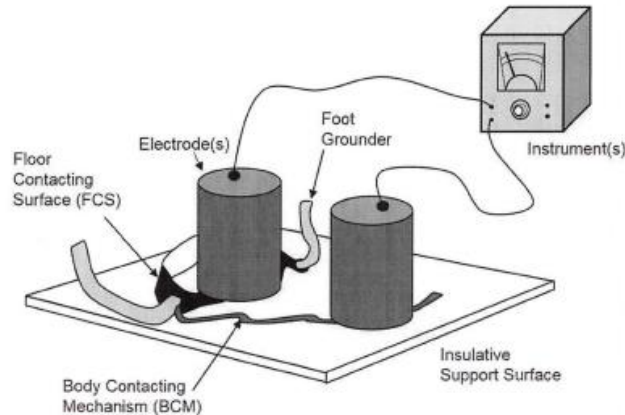
- ETS Controlled Environment Chamber (Model 5532)
- SCS Surface Resistance Meter (Model 770761)

**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	1.03 x 10 <sup>6</sup>	9.21 x 10 <sup>5</sup>
2	1.03 x 10 <sup>6</sup>	9.27 x 10 <sup>5</sup>
3	1.02 x 10 <sup>6</sup>	9.25 x 10 <sup>5</sup>
4	1.05 x 10 <sup>6</sup>	9.21 x 10 <sup>5</sup>
5	1.06 x 10 <sup>6</sup>	9.21 x 10 <sup>5</sup>
6	1.03 x 10 <sup>6</sup>	9.26 x 10 <sup>5</sup>
<b>Min =</b>	1.02 x 10 <sup>6</sup>	9.21 x 10 <sup>5</sup>
<b>Max =</b>	1.06 x 10 <sup>6</sup>	9.27 x 10 <sup>5</sup>
<b>Mean =</b>	1.04 x 10 <sup>6</sup>	9.24 x 10 <sup>5</sup>

**References:**



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