

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

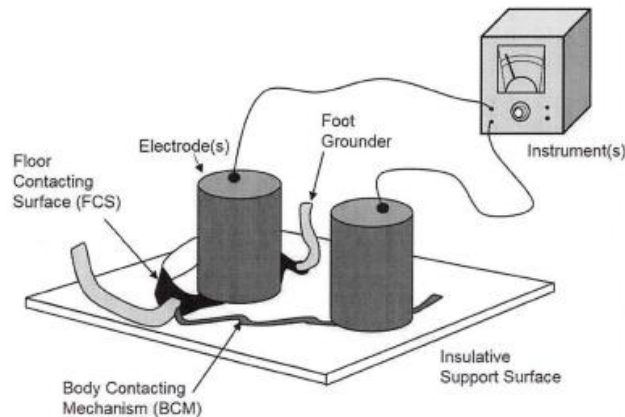
- ETS Controlled Environment Chamber (Model 5532)
- SCS Surface Resistance Meter (Model 770761)

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 ⁶	9.21 x 10 ⁵
2	1.03 x 10 ⁶	9.27 x 10 ⁵
3	1.02 x 10 ⁶	9.25 x 10 ⁵
4	1.05 x 10 ⁶	9.21 x 10 ⁵
5	1.06 x 10 ⁶	9.21 x 10 ⁵
6	1.03 x 10 ⁶	9.26 x 10 ⁵
Min =	1.02 x 10 ⁶	9.21 x 10 ⁵
Max =	1.06 x 10 ⁶	9.27 x 10 ⁵
Mean =	1.04 x 10 ⁶	9.24 x 10 ⁵

References:



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