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QUALIFICATION REPORT – ANSI/ESD S20.20

DESCO 17200 HEEL GRINDER WITH ONE MEGOHM RESISTOR

ANSI/ESD S20.20	DESCO 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	$< 1.0 \times 10^9$	See Table 1	ANSI/ESD SP9.2
@ 50%RH, 23°C	$< 1.0 \times 10^9$	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:

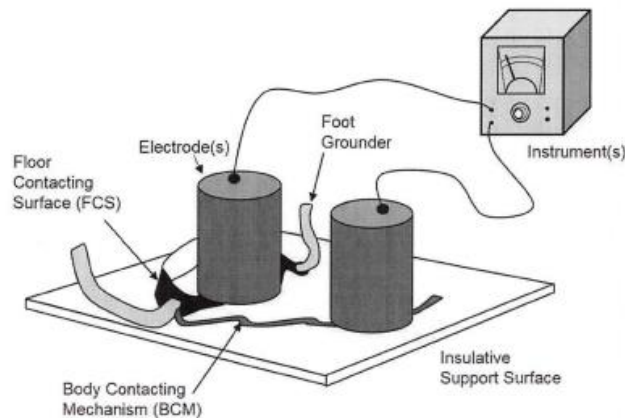
- ETS Controlled Environment Chamber (Model 5532)
- SCS Surface Resistance Meter (Model 770761)

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	1.03×10^6	9.73×10^5
2	1.08×10^6	9.66×10^5
3	1.06×10^6	9.80×10^5
4	1.02×10^6	9.72×10^5
5	1.05×10^6	9.60×10^5
6	1.01×10^6	9.73×10^5
Min =	1.01×10^6	9.60×10^5
Max =	1.08×10^6	9.80×10^5
Mean =	1.04×10^6	9.71×10^5

References:



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