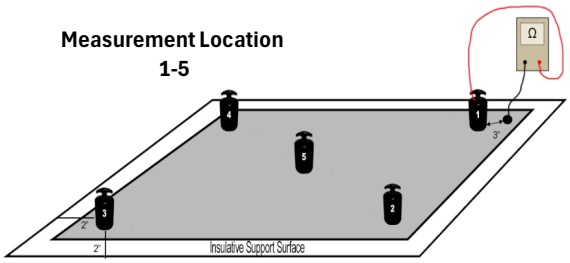
Qualification Report

ANSI/ESD STM4.1

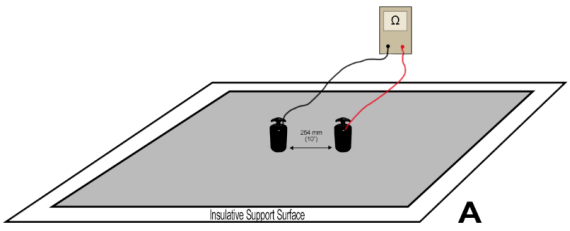
Environment		Test Equipment Used	
Temperature:	68F	Manufacturer:	Wolfgang Warmbier
Humidity:	Moderate 48%/Low 12%	Model:	Metriso 3000
Specimen #:	3	Serial:	ZD0031
Conducted By:	AS		

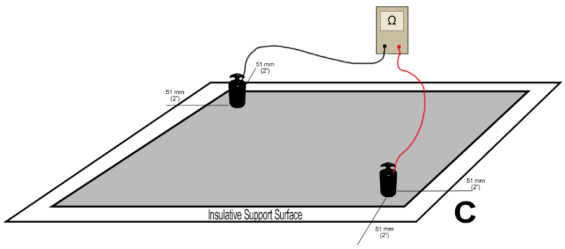
Measurement	Measurement Location	Low 12% Humidity			Moderate 48% Humidity			Required Limit
		#1	#2	#3	#1	#2	#3	
Resistance to Groundable Point (Rgp)	1	1.77×10^{7}	1.02×10^{7}	1.07×10^{7}	1.30×10^{7}	8.17×10^{6}	1.18×10^{7}	$< 1.0 \times 10^{9}\ \Omega$
	2	1.67×10^{7}	9.54×10^{6}	1.11×10^{7}	1.51×10^{7}	1.03×10^{7}	1.15×10^{7}	
	3	1.26×10^{7}	1.04×10^{7}	1.09×10^{7}	1.49×10^{7}	9.48×10^{6}	1.30×10^{7}	
	4	1.35×10^{7}	8.29×10^{6}	1.29×10^{7}	1.48×10^{7}	8.50×10^{6}	1.12×10^{7}	
	5	1.31×10^{7}	7.93×10^{6}	1.20×10^{7}	1.02×10^{7}	1.16×10^{7}	1.04×10^{7}	
Resistance point-to-point (Rpp)	A	2.70×10^{7}	2.46×10^{7}	2.79×10^{7}	2.67×10^{7}	2.17×10^{7}	1.96×10^{7}	$< 1.0 \times 10^{9}\ \Omega$
	B	2.72×10^{7}	2.62×10^{7}	2.28×10^{7}	2.78×10^{7}	2.45×10^{7}	2.15×10^{7}	
	C	3.16×10^{7}	2.21×10^{7}	1.84×10^{7}	2.79×10^{7}	2.31×10^{7}	1.74×10^{7}	
	D	2.71×10^{7}	2.34×10^{7}	2.06×10^{7}	2.81×10^{7}	2.38×10^{7}	2.34×10^{7}	

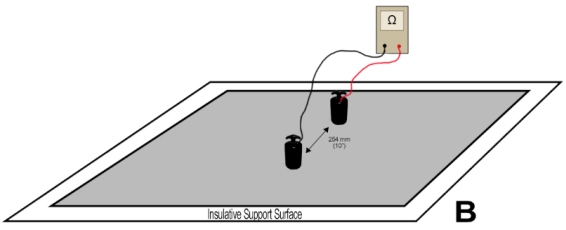
Measurement Location 1-5

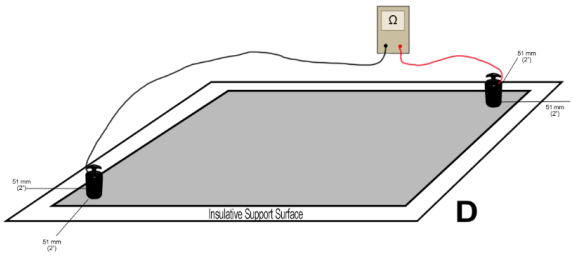


Measurement Results		Low 12%RH	Moderate 48%RH
Resistance to Groundable Point (Rgp)	Minimum	7.93×10^{6}	8.17×10^{6}
	Maximum	1.77×10^{7}	1.51×10^{7}
	Average	1.18×10^{7}	1.16×10^{7}
Resistance point-to-point (Rpp)	Minimum	1.84×10^{7}	1.74×10^{7}
	Maximum	3.16×10^{7}	2.81×10^{7}
	Average	2.49×10^{7}	2.38×10^{7}









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