

# DESCO INDUSTRIES INCORPORATED

3651 WALNUT AVENUE, CHINO CA 91710  
PHONE (909) 627-8178 | WEB DescoIndustries.com

## QUALIFICATION REPORT – ANSI/ESD S20.20

### DESCO 17255/17256 SHOCK CORD FOOT GROUNDER - STATGUARD FLOORING 8400 SERIES

ANSI/ESD S20.20	DESCO Test Results	Test Methods
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Voltage Measurements for Installed or Applied Material (volts), N=5 locations with 3 peaks per location

Voltage	< 100 volts peak	See Table 1	ANSI/ESD STM97.2 Section 5.3
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#### Test Parameters: Footwear/Flooring System Test Record

Test Date	06-19-2023
Temperature	70°F
Relative Humidity	50%
<b>Description of Floor Specimen</b>	
Manufacturer	STATGUARD FLOORING 8400 Series
Type (Hard or Soft Tile, Carpet, etc.)	Hard Tile
Material (Vinyl, Rubber, etc.)	Conductive Vinyl
<b>Description of Footwear</b>	
Manufacturer	DESCO
Type of Footwear	Shock Cord Foot Grounder
Composition of Soles	Three-layer non-marring rubber
<b>Description of Test Hardware</b>	
Test Equipment:	DESCO Body Voltage Meter 19431
Graphical Recording Device: Manufacturer and Description:	DESCO Body Voltage Meter 19431

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## Test Data: Charge Generation Voltage on an Installed Floor

Table 1 – Voltage (volts)

Measurement Number	Peak Voltage (volts) (Record Polarity)
1	33
2	28
3	27
4	26
5	26
6	45
7	41
8	33
9	32
10	30
11	24
12	23
13	23
14	23
15	22
<b>Minimum Absolute Value</b>	22
<b>Maximum Absolute Value</b>	45
<b>Mean Absolute Value</b>	29.07

## References:

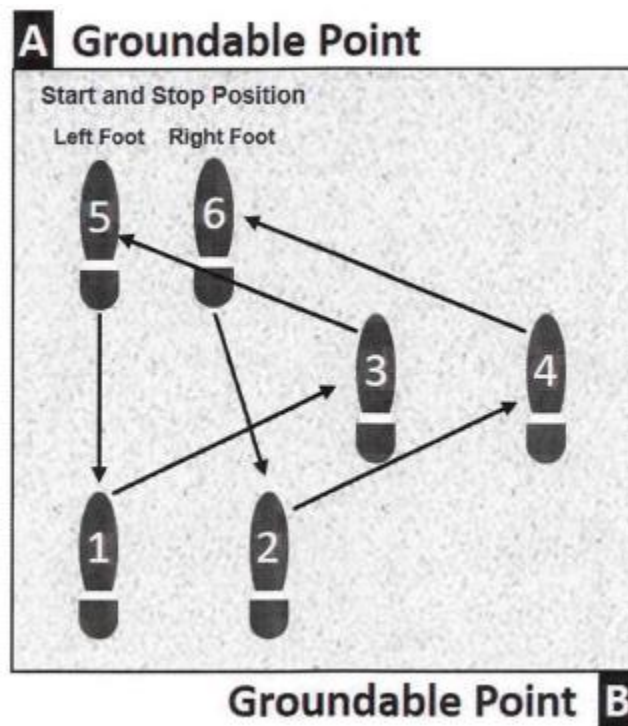


Figure 1: ANSI/ESD STM97.2 – Description of Walking Pattern

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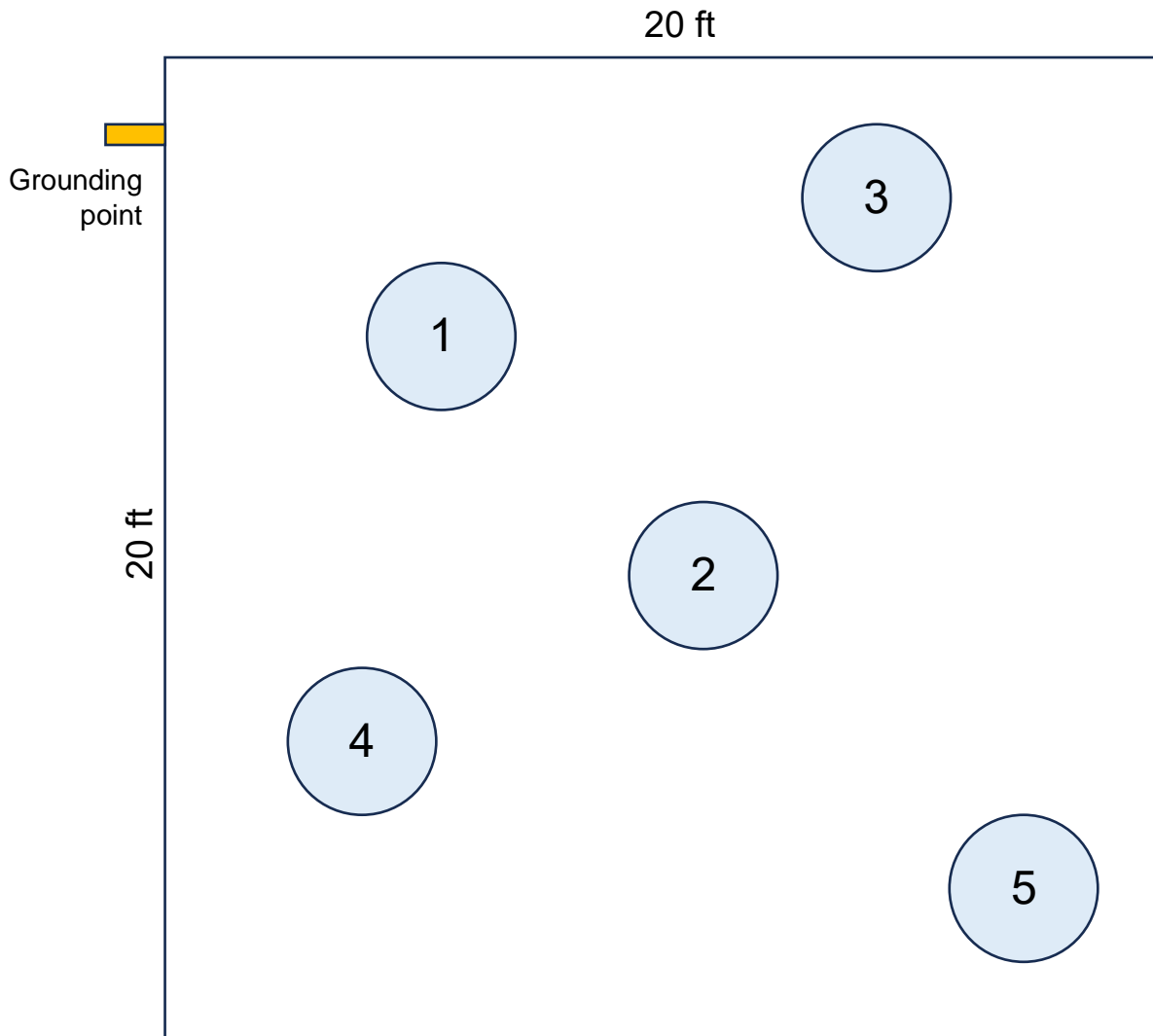


Figure 2: Test locations diagram