

STL

Southeastern Testing Laboratory, Inc.



INSULATED AERIAL DEVICES TEST

Name CITY OF FORT VALE

Date 11/20/23

Location FORT VALE, GA

Truck No. 157

Weather Condition CLOUDY

Manufacturer TEREX

Model No. STC-55

Serial No. 1080204718

Rated Voltage Upper Boom 60 Category B

... All test conform to ANSI-A92.2. Maximum Leakage Current is 1 microamp per KV applied on upper boom.
Maximum Leakage Current is 100 microamps on lower boom.

Test #1 Upper Boom 3 minutes	
Voltage Applied KVDC	leakage in microamps (end to end)
56 (84)	16

Test #2 Upper Boom Sectional 1 minute			Control Handle ISO High Resistance 3 minutes		
Voltage Applied KVDC	leakage in microamps (bucket end)	leakage in microamps (elbow end)	Voltage Applied KVDC	leakage in microamps	
60	46	/	56	/	/

Test #3 Lower Boom Insert 3 minutes	
Voltage Applied KVDC	leakage in microamps (across insert)
50	42

Test #4 Bucket Liner 3 minutes	
Voltage Applied KVDC	Passed or Failed
100	PASSED

Test #5 Jib 1 minute	
Voltage Applied KVDC	leakage in microamps (across jib)
56	28KV 200

Test #6 Control Tube 1 minute		
Voltage Applied KVDC	leakage in microamps (pulley end)	leakage in microamps (pulley end)
60	1	2

Comments: Passed Failed

TESTED BY MICHAEL THOMAS

Jib Failed..