



## Association of Missouri Electric Cooperative Aerial Device Test Report



Date: Mon, Sep 24, 18

Unit Number: 174

Report Number: 01741018

Cooperative: Consolidated Electric Cooperative

HWY. 54 EAST, P.O. BOX 540

Mexico

Test Location: Mexico

Report Given To: CARL AULBUR

Type of Test: Dielectric & Structural

Temperature: 75

Wind: 5

Humidity: 50%

### Aerial Device Information

Description: Bucket

Manufacturer: Altec

Model Number: AM55E

Serial Number: 0310DM2802

Date of Manufacturer: Wed, Apr 14, 10

Tested By: STEVE & JACOB






Next test should be on or about: Tue, Sep 24, 19

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#### Test and Report Limitations

This report is provided to you with the understanding that AMEC is only conducting the test and assisting you in interpreting the results. AMEC is not making any recommendation concerning the use of your equipment. Those decisions are solely up to you. These tests determine the state of the equipment at the time the tests were performed. Use of the equipment and the passage of time can cause changes in the equipment that would make these results invalid. The equipment should be re-tested at regular intervals to insure currency of the information produced by the tests.

**Dielectric Test**

Area Tested:	Voltage:	Time:	Leakage:	Comments:
 Basket Liner 1	35kv	60 Sec.	Passed	
 Basket Liner 1	35kv	60 Sec.	N/A	
Hydraulic Oil			Passed	
 Basket Shaft to Lower Boom	40kv	60 Sec.	.07MA	
 Lower Boom Insert	35kv	180 Sec.	.77MA	
 Basket Shaft to Chassis	40kv	60 Sec.	.07MA	
ISO - GRIP	40kv	180 Sec.	.37MA	HIGHER THEN AVERAGE READING/MISTED

**Functional, Operational, & Structural Test**

Defect Class: 1 = Serious, Recommend Shut Down & Out of service 4 = Item Noted  
 2 = Caution, Recommend Shut Down, Use with caution 5 = OK  
 3 = Repairs needed, Recommend soon or next maintenance 6 = N/A

Area Inspected:	Defect Class:	Comments:
Outriggers	5	
Chassis	5	
Pedestal	5	
Turntable	5	
Lower Boom	5	
Elbow	5	
Upper Boom	5	
Bucket	5	
Digger/Auger	6	
Placards/Decals	4	ELECTROCUTION HAZARD PLACARD MISSING AT FRONT
Other	3	LEVEL INDICATOR BROKEN AT REAR
Grounding Set	4	19340 #2 PASSED
First Aid Kit	5	
Fire Extinguisher	3	FIRE EXTINGUISHERS MISSING ANNUAL INSPECTION TAGS

**Ultrasound Test**

Passed/Failed:

Passed

Comments: