



## Association of Missouri Electric Cooperative Aerial Device Test Report



Date: Fri, Jun 30, 17

Unit Number: 171

Report Number: 01711017

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: 70

Wind: 5

Humidity: 50%

### Aerial Device Information

Description: Bucket

Manufacturer: ETI

Model Number: ETCMH37IH

Serial Number: 1209CM77158

Date of Manufacturer: Mon, Dec 21, 09

Tested By: Tyler M. & Rob G.






Next test should be on or about: Sat, Jun 30, 18

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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.	.06ma	
 Lower Boom Insert	35kv	180 Sec.	1.07ma	
 Basket Shaft to Chassis	40kv	60 Sec.	.06ma	

## Functional, Operational, & Structural Test

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

Area Inspected:	Defect Class:	Comments:
Outriggers	5	
Chassis	5	
Pedestal	5	
Turntable	5	
Lower Boom	5	
Elbow	5	
Upper Boom	4	Missing gel coat at upper boom near bucket
Bucket	5	
Digger/Auger	6	
Placards/Decals	5	
Other	5	
Grounding Set	4	#16944 Passed #2
First Aid Kit	5	
Fire Extinguisher	5	

## AE Test

Rated Capacity:	Percentage of Pull:	Load Test:	Passed/Failed:
400	200	800	Passed

Comments: