



DE 3659  
**Association of Missouri Electric Cooperative  
Aerial Device Test Report**



Date: Tue, Jan 9, 18

Unit Number: 38

Report Number: 00381118

Test Location: BOURBON

Report Given To: Brett Palmer

Type of Test: Dielectric & Structural

Temperature: 50

Wind: 0

Humidity: 50%

## Aerial Device Information

Description: Digger Derrick

Manufacturer: ALTEC

Model Number: DM45TR

Serial Number: 1204DV0853

Date of Manufacturer: Wed, Dec 1, 04

Tested By: CODY & JACOB

Next test should be on or about: Wed, Jan 9, 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.

D/E 3658

**Dielectric Test**

Area Tested:	Voltage:	Time:	Leakage:	Comments:
 Basket Liner 1	35kv	60 Sec.	N/A	
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Hydraulic Oil			Passed	
 Fiberglass Extension	40kv	60 Sec.	.12MA	
 Basket Shaft to Chassis	40kv	60 Sec.	.12MA	

**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	6	
Digger/Auger	3	PINS AT AUGER ATTACHMENT NEED REPLACED
Placards/Decals	3	MISSING ELECTROCUTION HAZARD PLACARD AT REAR
Other	5	
Grounding Set	4	19719 #2 PASSED
First Aid Kit	5	
Fire Extinguisher	3	FIRE EXTINGUISHER IN CAB EXPIRED ANNUAL INSPECTION TAG

**AE Test**

Rated Capacity:	Percentage of Pull:	Load Test:	Passed/Failed:
	200		N/A

Comments:

PULLED TO 800LBS FOR THREE MINUTES