



MANUFACTURING, INC.

“The Easement Equipment Specialist”

400 INDUSTRIAL DRIVE, DUNKIRK, IN 47336

PHONE: (765) 768-5000 * FAX: (765) 768-5015

Electrical Qualification Test

Insulation Inner Boom Dielectric
Qualification Test, Category C, 46kv

1. The unit must be completed and ready for delivery
2. All conductive material at the tip or bucket end of the insulated boom must be dielectrically bonded during the test.
3. No winch line shall bridge the insulated boom section during the test.
4. The middle and outer booms must be shunted.
5. The unit must be connected to a current meter and then to the ground through a shielded cable.
6. The current meter must be connected through a shielded cable to a current meter and then to the ground.
7. The inner boom should be fully extended.
8. Apply 100 kvac for 3 minutes. The maximum allowed boom current is 1 milliamp.

Voltage	Time	Measured Leakage	Pass / Fail
100 kvac	3 min.	_____	_____

Tested By: _____

Date: _____