

# BREAKAWAY TEST CERTIFICATE

Company Name: \_\_\_\_\_ Test Date: \_\_\_\_\_  
Customer #: \_\_\_\_\_ Purchase order #: \_\_\_\_\_  
Magnet Model #: \_\_\_\_\_ Manufacturer: \_\_\_\_\_  
Order #: \_\_\_\_\_ Representative: \_\_\_\_\_

This is to certify that the lift magnet model #: \_\_\_\_\_ bearing other identifying numbers/descriptions: \_\_\_\_\_ has been tested using data obtained from actual pull test performed to MDFA 101-98 standards on a machined, finished, 3" thick steel plate, at ambient temperatures.

Breakaway Force Results – Five readings for breakaway force are obtained. The high and low readings are eliminated. The final three readings are averaged to calculate the breakaway force.

Original Design Factor for this Magnet:  2:1 = \_\_\_\_\_ LBS. or  3:1 = \_\_\_\_\_ LBS.

Maximum Breakaway Force Test Result:\* \_\_\_\_\_ LBS. Derated Value: \_\_\_\_\_ LBS.

Magnet Passed Breakaway (Derated value is equal to or greater than Original Design Factor):

YES  NO: Customer must sign below acknowledging that the magnet failed breakaway testing and that it is not in a safe working order prior to the return of the unit.

Customer Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Magnet Return Date: \_\_\_\_\_ Date of Next Breakaway Service: \_\_\_\_\_

\* Breakaway Force is equal to the Design Factor multiplied by the Derated Value.  
The magnet must be tagged "Out of Service" if it does not pass Breakaway Force testing.

## LOAD CELL CALIBRATION

Weigh Plus Crane Scale Model: WPS15-CS

Scale S/N: 3

Scale Range: 15,000 lbs.

Load Cell In Service Date: \_\_\_\_\_

Load Cell Calibration Due Date: One year from in-service date



16803 Hedgecroft Drive  
Houston, TX 77060  
800-909-1964