

Zafety Lug Lock™
Torque Test Report
June 25, 2009

A series of tests were carried out on lug nuts with Zafety Lug Locks™ installed to verify the torqued readings.

The test was completed under the following conditions:

1. Onsite at a company that has been using Zafety Lug Locks™ on their trailers.
2. Test equipment (certification document on separate page):
 - Manufacturer: Torqueleader
 - Model: DDS800S
 - Serial No.: 0GZ036048
 - Asset No.:M1220
 - Tool Capacity: 600 lbf.ft
 - Accuracy of set torque \pm 4%
 - Calibration Date: June 24, 2009
3. Technician performing the tests: Topline Trailer Service Ltd.
4. Test Location: Toronto Ontario

Test 1:

Steel Rims, Uni-Wheel
Rim Installation Date: November 2008
Torque applied: 500 lbf.ft
Zafety Lug Locks™ Installation Date: November 2008
Test date: June 24, 2009
Removal Torque Applied: 500 lbf.ft

Results:

No evidence of movement.

Test 2:

Alloy Rims, Uni-Wheel
Rim Installation Date: November 2008
Torque applied: 500 lbf.ft
Zafety Lug Locks™ Installation Date: November 2008
Test date: June 24, 2009
Removal Torque Applied: 500 lbf.ft

Results:

No evidence of movement.

Attachments:

Calibration Certification'
Onsite Photos

Customer Name.: TAFKAN CONSULTING LTD.

Cert No.: 341747

Address.: 2107 PINEVALLEY CRESCENT, OAKVILLE, ONTARIO

Issue No.: 01

CERTIFICATE OF CALIBRATION

McCANN EQUIPMENT LTD.

McCANN
Equipment Ltd.2178 Torquay Mews
Mississauga, ON.

www.torquetools.com

**LABORATORY
ACCREDITATION
BUREAU**Accredited to ISO/IEC 17025:2005
Certificate Number: L2097.02-1

Tel: (905) 542 1333

1 800 287 5714

Fax: (905) 542 1335

Manufacturer: Torqueleader

Serial No.: 0GZ036048

Model: DDS800S

Asset No.: M1220

Tool Capacity: 600

Unit of Measure: lbf.ft

Accuracy of set torque \pm : 4%

Ambient Temperature: 24 °C

Technician: David MacLaren

Humidity: 49%

Quality Supervisor: Kathy Quart **KQ**

Procedure No.: MCC 6.00

CW X CCW

| Set Torque |
|------------|
| 120.00 |
| 360.00 |
| 600.00 |

| Lower Limit | Upper Limit |
|-------------|-------------|
| 115.20 | 124.80 |
| 345.60 | 374.40 |
| 576.00 | 624.00 |

| As Found | As Left |
|----------|---------|
| 117.86 | 117.86 |
| 365.05 | 365.05 |
| 611.64 | 611.64 |

Reading are derived from the average of five readings taken at the "set torque" as indicated.
Statistical information is available upon request.**Transfer Standards**

Display Model: 43228

Transducer: 50012ETS

Serial No.: 60241

Serial No.: 34021ETS

STATEMENT OF COMPLIANCE:

McCann Equipment Limited hereby certifies that the above described instrument has been calibrated in compliance with the requirements and specifications in the Purchase Order, using measurement equipment and standards that are traceable to the NRC/CANADA and / or the NIST/USA.

McCann Equipment Limited Quality System meets or exceeds the requirements of ISO 17025.

The estimated uncertainty of measurement is $\pm 0.48\%$ of applied load, K=2, 95% confidence level.

The Test Equipment used for this calibration complies with the requirements of ISO 10012.

The limits shown for this calibration comply, or exceed the requirements of ISO 6789.

This certificate is not to be considered as a "guarantee of accuracy" for the indicated Calibration Interval.

This certificate shall not be reproduced, except in full, without written approval of McCann Equipment Limited.

| | |
|-----------------------|-----------|
| Received Date: | 24-Jun-09 |
| Calibration Date: | 24-Jun-09 |
| Calibration Due Date: | 24-Jun-10 |

| Condition | Out of Spec. | In Spec. |
|-----------|--------------|----------|
| Received | | X |
| Returned | | X |

Remarks:

Before and after readings remain the same.

For information, please contact:

Kathy Quart







Torqueleader

M.H.H. ENGINEERING CO. LTD. ENGLAND
Tel: +44(0)1483 89272 Fax: +44(0)1483 89855
WORLD LEADERS IN TORQUE TECHNOLOGY

| | | | |
|-------|-----|------------|-----------|
| Model | DDS | Serial No. | 123456789 |
|-------|-----|------------|-----------|



