

**PARKER RESEARCH CORPORATION
CLEARWATER, FLORIDA, U.S.A.
PHONE: (727) 796 4066 FAX (727) 797 3941
CERTIFICATION**

CALIBRATION DATE: #####

ORDER NO: #####

CUSTOMER:

DESCRIPTION: Magnetic Weight Lift Test Bar

MANUFACTURER: Parker Research Corporation

MODEL: TB-10

LOT NUMBER:

MFR SERIAL NO: #####

CALIBRATION RESULTS

The TB-10 Magnetic Weight Lift Test Bars indicated above checks accurate to 10 lbs. 2 oz.
(+/- 1 oz.)

We hereby certify that the referenced Weight Lift Test Bars will comply with the specifications of the applicable Magnetic Particle standards indicated below.

- 1. ASME Section V, Article 7**
- 2. ASTM E709-15**
- 3. NAVSEA-TB-T9074-AS-GIB-010/271 Rev.1 (September 11, 2014)**
- 4. ASTM E-1444/E1444M-16**

APPLICABLE MEASUREMENT STANDARDS

<u>Description</u>	<u>MFR</u>	<u>Model</u>	<u>I.D. / S/N NO.</u>	<u>DUE DATE</u>	<u>N.I.S.T REF NO.</u>
Scale (Balance)	Accu-Weigh.	ACCUM-20	505340	10/01/2019	28796-501,31822-501

Accuracies of standards used are traceable to the National Institute of Standards and Technology (N.I.S.T.)

BULLETIN 0116-1 04/2016

Reviewed:

INSTRUCTIONS: Place Yoke legs flat on the channeled side of the test bar surface at the recommended spacing. Be sure to tighten the leg joint fasteners at any spacing other than straight up and down to prevent the legs from straightening during the test. For the AC lift test, place the Yoke on a single TB-10 test bar and perform the 10 pound lift. For the DC lift test, fasten 3 to 5 TB-10 bars together with the bolt provided and perform the 30 to 50 pound test.

Calibration Date: #####

Recalibration Due: #####

Customer: Parker Research Corporation, Clearwater, FL

Description: Scale [Balance]

Calibration Location: shop

Manufacturer: Accu-Weigh

Calibration Ambient: 73 F., R.H. 39%

Model: ACCUM-20

Observed Condition: good

Size: 20 lb x 1 oz

Previous Cert: #####

Mfr Serial No: #####

Procedure: 002-C - Balance/Scale

ID Number: n/a

Technician: Devan T. Reed

As Received: Within Tolerance

As Returned: Within Tolerance

Uncertainty: ANSI/ASTM E617 Class 6 Tolerances

CALIBRATION RESULTS:

Test point(s): 4.0 8.0 12.0 16.0 20.0 lb/oz

Points check: 4.0 8.0 12.0 16.1 20.1 lb/oz

Checks accurate to +/-[1 oz] at test point(s).

Tested in accordance with published specification ASTM E898-88R2013

No adjustment required.

Acceptable.

APPLICABLE MEASUREMENT STANDARDS

Description	Mfr.	Model	I.D. Number	Due Date	N.I.S.T. Ref. No.
Weight Set, C.I.	RiceLake	Cast Iron	411	02/28/20	28796-501
Weight Set, S/Stl.	Troemner	10mg-2KG	436	04/30/21	31822-501

AS FOUND AND FINAL RESULTS ARE THE SAME, UNLESS OTHERWISE NOTED. The calibration described above was performed in compliance with ANSI/NCSL Z540.3-2006; ISO 10012-1 & ISO/IEC Guide 25. Certified Calibrations is an ISO/IEC 17025:2005 accredited lab. Accuracies of standards used are traceable to the standards of the National Institute of Standards & Technology (N.I.S.T.) or have been derived from accepted values of naturally occurring physical constants. Certified Calibrations' responsibilities shall in no event, nor for any cause whatsoever exceed the cost of the service represented. This report applies only to the item(s) identified above, at the time of testing. This report shall not be reproduced, except in full, without written permission from Certified Calibrations, Inc.

Reviewed & Approved: Michael L. Reed