

Channel Supplies



Kerrville, Texas

NIST Traceable Calibrations Since 1996

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REPORT OF CALIBRATION

CUSTOMER: Example

TYPE OF TAPE: Lufkin C2915MME590 - 50'/15M - Inage

PLUMB BOB: 590GME

Date of Calibration: January 1, 2001

Calibration Valid Through: January 1, 2002

Date Report Issued: January 1, 2001

SERIAL No.: CSxxxxxx

TEST DATA

<u>Tension</u> (pounds)	<u>Interval</u> (feet)	<u>Length</u> (feet)	<u>Uncertainty</u> (feet)
10	0 to 15	15.0010	0.0003
10	0 to 30	30.0006	0.0004
10	0 to 45	45.0005	0.0005
10	0 to 50	50.0004	0.0005

The uncertainty of the measurements was calculated according to NIST Technical Note 1297, "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Results".

The expanded uncertainty, U, uses a coverage factor of k=2. For a measured value of the length, L, the true length is contained in the interval [L-U, L+U] with a level of confidence of approximately 95%

Environmental Conditions: Verified under normal atmospheric working conditions.

NIST Traceable Information: Channel Supplies Master NIST Tape

ID No.16067, 16067M. Issued July 07, 2015 NIST Test No: 623/286968-15

The assumed coefficient of thermal expansion of this tape is: 0.0000065 °F⁻¹

The terminal points of the indicated intervals are the centers of the graduations near the edge where the shortest graduations appear.

Tape Length Calculation: Method of calculation based on API Chapter 3 Section 1A, NIST SOP No. 12

Calibration Procedure: Channel Supplies Tape Calibration Procedure, which is based on API Chapter 3 Section 1A, NIST (SOP 11,12, 30), OIML R 35-1. This tape has been Verified, to comply with API Chapter 3 Section 1A and is intended to be used in the field as a "Working" Tape. It is not intended for, or verified to be used as a "Master Tape". Any use other than the intended purpose is not authorized.

At the time the test was performed on the Tape and Plumb Bob Identified above, all components were in working order. Improper use, handling and maintenance can damage the Tape and Plumb Bob and alter the accuracy of the results obtained. Channel Supplies cannot be held responsible for the use or results obtained from the use of this Tape and Plumb Bob after it has been released from our custody.

Measurements By: _____ VOID _____

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