

**State of California**  
Department of Food and Agriculture  
Division of Measurement Standards

Certificate Number: 5400-04

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***California Type Evaluation Program***  
***Certificate of Approval***  
***for Weighing and Measuring Devices***

**For:**

Wire and Cable Length Meter  
Mechanical  
Model: 1410 (Cable)  
Range: 9 999 feet 11 inches  
Model: 1700 (Length)  
Range: 99 999 feet 11 inches (99 999.9 Meters)

**Submitted by:**

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**Standard Features and Options**

Mechanical counter

**Capacity Limits:**

Model 1410: Flexible materials – 1/64 inch to 7/8 inch (0.4 mm to 22 mm) diameter  
Wire rope and similar stiff materials to 1/2 inch (13 mm) diameter

Model 1700: Accommodates materials 1/2 inch to 1-1/8 inch (12 mm to 28.6 mm) diameter

**Option:**

Model 1700: Small wire fairlead (minimum capacity to 1/8 inch)

This device was evaluated under the California Type Evaluation Program (CTEP) and was found to comply with the applicable technical requirements of California Code of Regulations for "Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

Effective Date: July 26, 2004



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Mike Cleary, Director

**Tulsa Power, LLC**  
**Wire and Cable Length Meter**  
**Models: 1410 (Cable) and 1700 (Length)**

**Application:** Used to measure flexible wire, cable materials or soft hoses.

**Identification:** Required information will be mounted on the exterior part of the frame either above or below the mechanical counter and is visible to the user.

**Sealing:** The device has no calibration or configuration parameters that require the use of a security seal.

**Test Conditions:** This certificate is issued with permission from Olympic Instruments Inc. to allow Tulsa Power, LLC to private label devices manufactured by Olympic Instruments Inc. and is based on previous evaluations performed on Olympic Instruments Inc., Models 1410 and 1700 measuring devices (Certificates of Approval Numbers 1134-71, 1135-71 and 1691-79). No additional tests were performed.

Results of previous evaluations and information provided by the manufacturer indicate the devices comply with applicable requirements.

**Type Evaluation Criteria Used:** Title 4, California Code of Regulations, 2004 Edition

**Tested By:** D. Guensler (CA) 1134-71 and 1135-71; James C. Hopkins (CA) 1691-79

**Updated By:** N. Ingram (CA)