

California Type Evaluation Program
Certificate of Approval
for Wire and Cordage Measuring Devices

For:

Triangle Line Meter
Electromechanical

Models: MD 100, SC 125, and HD 140

Submitted by:

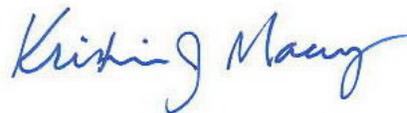
Trianglesport LLC
25 Parkway
Up. Saddle River, NJ 07458
Tel: 201-825-1212 x 143
Fax: 201-825-5891
Contact: Dax Strohmeyer

Standard Features and Options

- Model MD 100, SC 125 or HD140 digital meter system assembly
- Dual shaft system
- In-line spooling
- Salt water corrosion resistant
- Heavy duty speed control
- Reel seat locking system
- Machine stock measuring wheel (1/2" width x 2-1/4" diameter) model B only
- Molded measuring wheel (3/4" width x 2-1/4" diameter) model A only
- Forward, reverse, and variable speed control from 0-2000 RPM
- Overload protection feature
- Line stripping capability

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: February 18, 2011



Kristin J. Macey, Director

**Trianglesport LLC
Triangle Line Meter
Models: MD 100, SC 125, and HD 140**

Application: These devices are used to measure monofilament and other types of fishing lines.

Identification: Identification markings are on the side of the indicator and the switch housing.

Sealing: The devices have no adjustable mechanisms that require the use of security seals.

Test Conditions: This Certificate supersedes Certificate of Approval 4711-97 and is issued without further testing to add new model numbers and change manufacturer's name.

Certificate of Approval Number 4711-97: The models A and B fish line winder metering devices were tested in the laboratory. Braided 20-pound test Dacron and monofilament fishing lines marked at frequent intervals were used as test medium. The emphasis of the evaluation was on the design. A permanence test was performed on the model B with approximately 32 000 yards of throughput. No further evaluation was conducted on the model A fish line winder metering device since there are no changes from the original design (Certificate of Approval Number 3855-93). Triangle received permission from Berkley to incorporate the same design into their line winder devices (Triangle manufactures the line winder for Berkley). The test conditions for the previous certificates are repeated below for reference.

Certificate of Approval Number 3855-93: The Berkley Pro Line Winder metering device is identical to the Berkley HDIII line winder. A reel clamp assembly with thumb screw for bait casting reels is used on the Berkley Pro Line Winder. The emphasis of this evaluation was on the design. Permanence testing was waived since this device was previously approved as Berkley model HDIII (Certificate of Approval Number 3392-90).

Certificate of Approval Number 3392-90: The devices were tested at the California Division of Measurement Standards and at field locations where these devices were in use. Braided 20-pound test Dacron fishing line marked at frequent intervals was used as a test medium.

The results of the evaluations and testing performed for the referenced approvals indicate these devices comply with the applicable requirements.

Type Evaluation Criteria Used: Title 4, California Code of Regulations, 2011 Edition

Tested By: Charles Nelson (CA) 4711-97, 4711(a)-11

