



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

S.W.A-662
Revision 1

OTTAWA, January 10, 1968.

APPROVED : OLYMPIC CORDAGE METER MODEL 220P

Meter manufactured by Olympic Instruments Inc., Vashon, Washington, 98070, U.S.A.

Apparatus Listed: Cordage measuring machine intended for use with rope dispensing unit for measuring polypropylene rope only.

<u>Model</u>	<u>Approval Capacity</u>	<u>Maximum Registration</u>
Olympic Model 220P	3/16" to 1/2" polypropylene	1000 feet

Application: Linear measurement of polypropylene ropes in sizes from 3/16" to 1/2" diameter, in less than full roll quantities and by manual pull-through only. To be used with dispensing unit similar to that illustrated, with unit of other design and configuration which has received specific approval by letter, or with bench mounting providing axial entry and exit.

Description: This device consists of a friction-drive measuring wheel coupled to three registering dial shafts through gearing. Registering dials are friction driven from the shafts, and are individually re-set to zero before each sale. The material being measured is kept in contact with the measuring wheel by means of a spring-loaded, polished steel, specially-shaped foot. The measuring wheel itself has a roughly machined surface to provide greater friction with the rope. As material is drawn through the meter, linear motion is transmitted to the rim of the measuring wheel and thence to the counter.

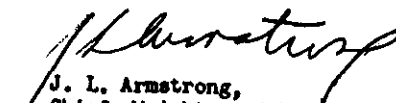
Testing: Inspection tests shall be made with both 1/2 inch and 1/4 inch polypropylene rope, and the following tolerances shall apply.

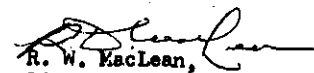
<u>Test Material</u>	<u>Tolerance under registration</u>	<u>Tolerance over registration</u>
1/2" polypropylene rope	1" + 1% of test length	1/2" + 1/2% of test length
1/4" polypropylene rope	1" + 2% of test length	1/2" + 1/2% of test length

These tolerances shall apply at initial and all subsequent inspections.

References: SW-85-H20
SL-102-401D

Note: Approval is granted under the Weights and Measures Act, Chapter 292, and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.


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OLYMPIC CO. DAGE METER MODEL 220F

