

TRADE AND COMMERCE
CANADA

STANDARDS DIVISION

OTTAWA, November 17th, 1955.

NOTIFICATION OF TYPE LISTING

Under the provisions of the Weights and Measures Act, Chapter 36, S.C. 1961, and Regulations thereunder (P.C.6894), the apparatus specified and illustrated herein have been listed as approved devices and may be used in Canada in accordance with the conditions applicable.

Apparatus Listed: Suspended platform dial scales with overhead levers; Model 2242 with capacities of 1500 lbs., 1800 lbs., and 2500 lbs., Model 2282 with capacities of 5625 lbs., 8250 lbs., and 8500 lbs., manufactured by the Toledo Scale Company of Canada Limited, Windsor, Ontario.


Application: Weighing material in wholesale quantities, warehouse weighing and industrial use.


Conditions: As prescribed in P.C. 6894.

Description: These devices are suspended platform dial scales with the leverage system supported overhead on an angle iron and channel steel frame which is set in cast iron brackets anchored to the floor. As an alternative set-up, the supporting frame may be dispensed with and the levers may be suspended from the ceiling. The leverage system consists of two levers of the A type, one lever having an extension arm which connects with the cut-off lever by means of a connecting rod. The other end of the cut-off lever actuates the dial head mechanism by means of a connecting rod.

The platform is suspended by means of four rods and chains from the load pivots. The dial has a 20" diameter reading line and may be graduated as follows: 500 lbs. x 8 ozs; 1000 lbs. x 1 lb; or 2000 lbs. x 2 lbs. The dial mechanism is of the double pendulum type with full floating one piece sectors. The fulcrum points of the sectors vary with the load but follow the vertical line of the slides. Models 2282 and 2242 are of the same construction except that the first named model is equipped with a floor type cabinet dial and the second named model is equipped with a floor stand to accommodate the short type cabinet dial. Both models are equipped with compound tare beams, the beam with the larger capacity being notched.

Testing: The standard tests for platform dial scales shall apply.


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Reference A: 282-A.

SD-WA.163

TOLEDO SUSPENDED PLATFORM SCALE
MODEL 2242

