



S-WA.504

CANADA  
DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

OTTAWA, May 1, 1964.

APPROVAL LISTING

BERKEL DORMANT DIAL SCALE MODEL D

Under the provisions of the Weights and Measures Act, Chapter 292 R.S.C. 1952, and Regulations thereunder (P.C. 6894), the apparatus specified and illustrated herein has been listed as an approved device and may be used in Canada in accordance with the conditions applicable.

Apparatus Listed: Floor type dial scale, model D, manufactured by Van Berkels Patent, N.V. Rotterdam, Holland, for Berkel Products Company Limited, 1825 Dundas Highway East, Cocksville, Ontario.

Rating of Apparatus: Capacities 2500 pounds, 5000 pounds and 11,000 pounds.


Application: Weighing commodities in general trade, receiving, shipping and industrial use.


Conditions: As prescribed in P.C. 6894.

Description: This device is a cabinet dial floor scale with the lever system encased in a steel plate box. The scale may be for use on the floor or sunk in a floor with the deck at floor level. The leverage system consists of two end levers with the extension arm linked to a compound transfer lever which gives an upward thrust to the connecting rod. A nose iron adjustment is not provided but lever adjustment is achieved by means of adjustable balance balls on the transfer lever which are locked in position with lock nuts. Pivots are pear-shaped with circular tapered shanks pressed into machined holes in the levers. Bearings are self-aligning of hardened steel. The deck is of steel plate.

The resistance to the load is due not only to the pendulum action of the weights, but due to the action of gravity on the whole pendulum assembly (consisting of 2 cylinders with eccentrically attached pendulum arms and weights) as it is moved vertically by the upward movement of the connecting rod. The steel cylinder is supported by one anchored tape and one tape fastened to the extension of the connecting rod. The indicator is actuated by a rack and pinion.

Testing: The standard tests for a platform dial scale shall apply.

  
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