



TRADE AND COMMERCE
CANADA

SD-NA.177

STANDARDS DIVISION

OTTAWA, December 23rd, 1953.

NOTIFICATION OF TYPE LISTING

Under the provisions of the Weights and Measures Act, Chapter 36, S.C. 1951, 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: Portable platform beam scales equipped with counting device, Model 97 capacity 100 lbs., Models 97 $\frac{1}{2}$, 97 $\frac{1}{2}$ X and 97 $\frac{1}{2}$ XX capacity of 300 lbs., Models 98, 98Z, and 98 NA capacity of 1000 lbs., Model 201 capacity 1000 lbs., Model 202 capacity 1500 lbs., and Model 203 capacity 2000 lbs., manufactured by the National Scale Company, Springfield, Mass., U.S.A.

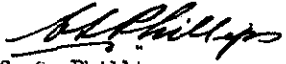
Application: Weighing commodities in general trade and counting in industry and warehouses.


Conditions: As prescribed in P.C.6894.

Description: These devices are portable platform scales equipped with double bar weigh beam and counting device. The underdeck leverage system consists of two A type levers, one lever having an extension arm which serves as a transfer lever. The main load and fulcrum pivots are hardened and are of square cross section with round shanks pressed into reamed holes. The remainder of the pivots are pear shaped. Main bearings are cast steel V type, shelf lever bearings are yoke type and beam bearings are V type agate. Models 97 and 97 $\frac{1}{2}$ have 2 beam bars, one of 10 lbs. capacity x 1 oz., and one of 20 lbs. x 2 ozs., and are bench type scales. The remainder of the models are floor scales equipped with counter poise hangers and weights of 100 to 1 ratio for models 97 and 97 $\frac{1}{2}$ and a ratio of 200 to 1 for the 98, 99, and 200 models.

The counting bar is of square cross section. The number of pieces to be used in the ratio pan when counting is engraved on the appropriate side of the bar to be used. When the scale has been properly balanced, it should remain in equilibrium regardless of the position of the ratio pan when empty.

Testing: The standard tests for a platform scale shall apply and, in addition, the counting efficiency of the scale should be checked and the ratio of error should be within the ratio of tolerance to load allowed by the Weights and Measures Regulations Table 4 or Table 5, whichever is applicable.


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Reference A: 269.

NATIONAL COUNTING SCALE, MODEL 98

