



CANADA

SD-WA.148

## DEPARTMENT OF TRADE AND COMMERCE

STANDARDS DIVISION

OTTAWA, June 24th, 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 has been listed as an approved device and may be used in Canada in accordance with the conditions applicable.

Apparatus Listed: Dormant platform beam type scale, Model 514, capacities of 1,000 lbs., 2,000 lbs., 3,000 lbs., 4,000 lbs., and 6,000 lbs., manufactured by Aktiebolaget Stathmos, Eskilstuna, Sweden. Agent: Swedish Scale and Hydraulic Company, Toronto, Ont.

Application: Weighing commodities in trade, shipping and warehouse weighing.

Conditions: As prescribed in P.C.6894.

Description: This device is a dormant platform scale of the built-in type. The underdeck leverage system consists of one U type lever of the second class with an extension arm, two short straight second class levers and a short extension lever. There is also a shelf lever housed in the beam stand. The 1,000, 2,000, and 3,000 lb. capacity scales are equipped with relieving gear which raises or lowers the fulcrum bearing stand of the extension lever. When lowered, the whole lever system disengages from the platform which then rests on 4 brackets within the scale coping. When raised, the yoked shaped legs on the platform engage the trunions on the suspension load bearing assembly and the platform is raised to operating position. The beam is supported by a cast iron beam stand which houses the shelf lever. The beam consists of a main bar and an auxiliary. The main bar is notched and the auxiliary bar has a sliding poise which is locked with a set screw. Rough balance is secured by moving a large weight in the beam butt and fine balance is secured by a small sliding ball located on the side of the large weight. There is an indicator on the beam and one on the trig loop to indicate zero balance.

Testing: The standard tests for a platform scale of the built-in dormant type shall apply.

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Reference: A-265.

STATEMOS DORMANT SCALE

MODEL 514

