



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS DIVISION

IN YOUR REPLY REFER TO FILE NO.

OTTAWA, March 26th, 1952.

NOTIFICATION OF TYPE LISTING

Under the provisions of the appropriate Act the apparatus specified and illustrated herein have been listed as approved devices and may be used in Canada in accordance with the conditions applicable.

Authority: Chapter 36, S.C. 1951 and Regulations thereunder (P.C. 6894).

Apparatus Listed: Weightograph; a weight registering attachment for beam scales, Models 77, 1700, 1710 and 1750, manufactured by the Howe Scale Company, Rutland, Vermont, U.S.A.

Rating of Apparatus: The capacity depends on the requirements of the scale to which the device is attached.

Application: Weighing commodities in general trade.

Conditions: The means of registration to be subject to such Regulations (P.C. 6894) as are applicable to weight registering dials and to be used only as an attachment on beam scales.

Description: The Model 77 Weightograph is an automatic weight registering device. The device is intended to serve as an attachment to the weigh beam of a scale. It is attached to the beam by means of a connecting rod and is operated by the upward pull of the beam when weight is applied to the deck of the scale. The power from the connecting rod is transmitted by an equal arm lever to a cam and pendulum arrangement by a tape, this causes the arm bearing the micro weight graduations to move and come to rest when the forces are in balance. A beam of light is projected through the transparent graduated dial and by a periscopic arrangement of mirrors the image of the weight values and also the image of the indicator is projected on a glass screen.

The fulcrum bearings are ball race type, other bearings are V type with hardened knife edge pivots. Models 1700, 1710 and 1750 are basically the same as Model 77, except that they are not equipped with the periscopic arrangement and are not read at eye level.

Testing: The standard tests on a beam type scale are applicable; the Weightograph registrations being checked against the load and compared with the beam registrations.

C. S. Phillips,
Assistant Director (W&M),
Standards Division.

R. W. MacLean,
Director,
Standards Division.

Reference A-201.

HOWE WEIGHTOGRAPH

Model 77

