



CANADA

S. WA-474

DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

OTTAWA, February 19, 1968.

APPROVAL LISTING

FAIRBANKS-MORSE AXLE LOAD SCALES WITH STRUCTURAL STEEL
FABRICATED LEVER SYSTEM.

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 have been listed as approved devices and may be used in Canada in accordance with the conditions applicable.

Apparatus listed: Axle Load Scales with Structural Steel Fabricated Lever System models AL622, AL632, AL642, AL652, AL822, AL932, AL942, AL852, AL1022, AL1032, AL1042, AL1052, AL1222, AL1232, AL1242, AL1252, AL1422, AL1432, AL1442, AL1452, manufactured by Fairbanks-Morse and Company, St. Johnsbury, Vermont, U.S.A. and Canadian Locomotive Company Limited, Kingston, Ontario.

Explanation of Model Code: Example AL622

AL	--	Axle Load
6	--	Platform length 6 feet
2	--	Capacity in multiples of ten tons
2	--	Number of sections

These scales may be equipped with a Type Registering Beam (TRB) or a Full Capacity Beam (FCB) or a Cabinet Dial Head (CD). The appropriate letters, as in brackets, will be shown on the number plate following the scale model number. Dial heads may be equipped with or without "printomatic" weight recorder.

Rating of Apparatus: Capacities 20, 30, 40 and 50 tons.

Application: Weighing truck axle loads or heavy duty weighing merchandise in general trade.

Conditions: As prescribed in P.C. 6894

Description: These devices have a two section structural steel fabricated lever system made up of two end levers each consisting of a torque tube with a load and fulcrum pivot at both its extremities and an extension arm extending from the center of the tube and at right angles to it. The extension arms are connected to the transverse lever which in turn is connected to the steelyard rod that goes to the indicating unit. These scales are designed to support loads at either end up to 100% of total capacity. These scales must have a pit deep enough below levers to allow inspection of lever system and

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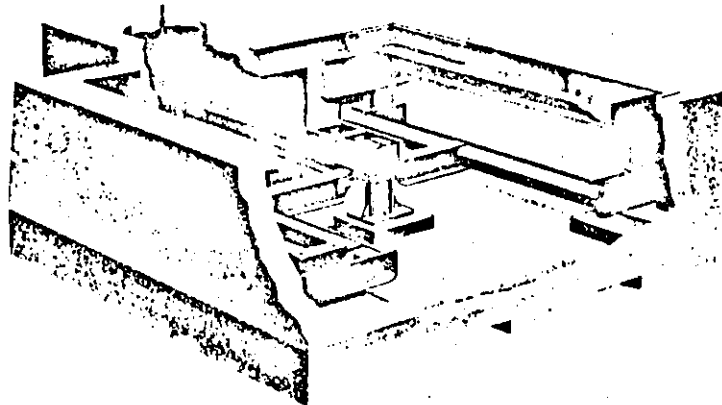
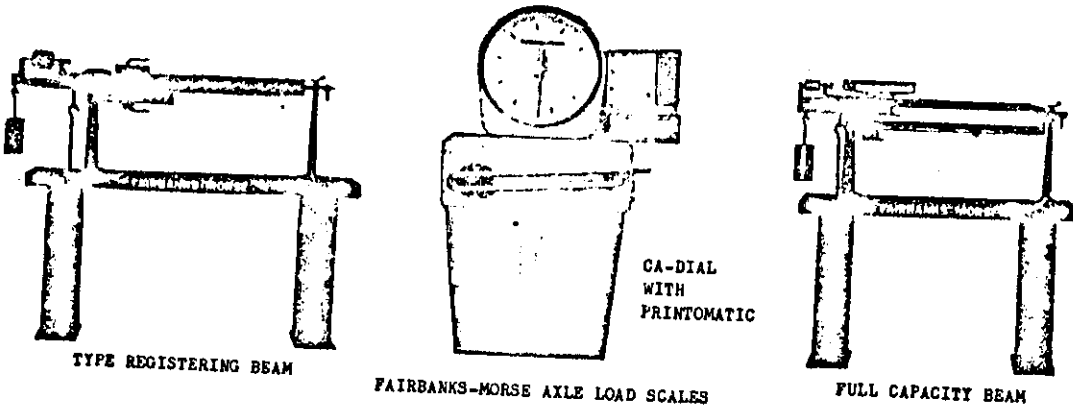
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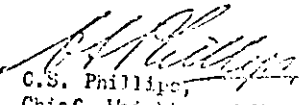
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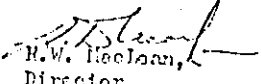
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may have either concrete or plank deck.

Testing: The standard tests for heavy duty platform scales shall apply except that the end loads may be applied up to 100% of full capacity. The approaches to these scales must be level, only the minimum amount of slope required for draining should be allowed.


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