



Consumer and
Corporate Affairs

Consommation et
corporations

Standards

Normes

**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-98

Revision 2

This circular supersedes Circular S.WA-98
dated October 9, 1969

Ottawa, November 22, 1978

FAIRBANKS - AXLE LOAD TYPE "S" SCALES

MANUFACTURER: Colt Industries (Canada) Limited
Fairbanks Weighing Division.
Markham, Ontario

DEVICES APPROVED: Axle load scales, equipped with any of the
following types of Fairbanks indicating equipment:

Beam - Full capacity or type registering.

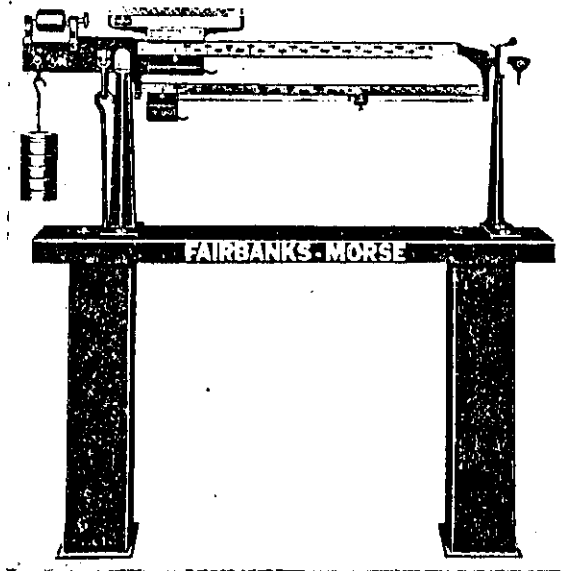
Cabinet Dial - May include beams, unit weights, remote
indicator and printer.

Electronic Readout (Levetronic System) - Any approved
indicator, printer, and remote indicator.

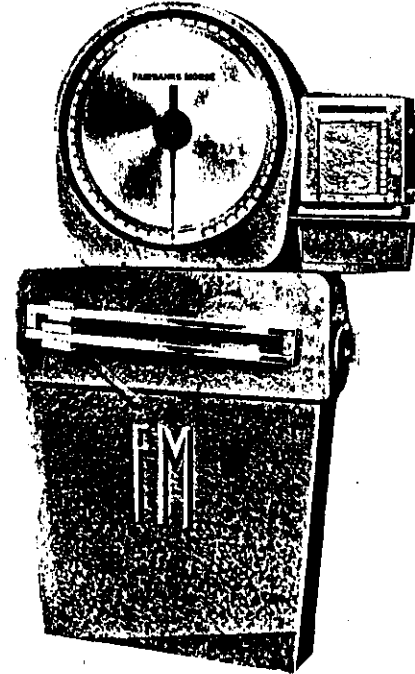
<u>With Beam or Dial</u>		<u>Levetronic</u>	<u>Platform</u>	<u>Capacity</u>	
<u>Old</u>	<u>New</u>			<u>Pounds</u>	<u>Kilograms</u>
<u>Model</u>	<u>Model</u>	<u>Model No.</u>	<u>Length</u>		
<u>No.</u>	<u>No.</u>				
S-154	11-7110	14-7110	4 ft.	37,000	18,000
S-156	11-7111	14-7111	6	37,000	18,000
S-158	11-7112	14-7112	8	37,000	18,000
S-204	11-7120	14-7120	4	50,000	25,000
S-206	11-7121	14-7121	6	50,000	25,000
S-208	11-7122	14-7122	8	50,000	25,000
S-2010	11-7123	14-7123	10	50,000	25,000
S-308	11-7142	14-7142	8	65,000	30,000
S-3010	11-7143	14-7143	10	65,000	30,000
S-3012	11-7144	14-7144	12	65,000	30,000
-	11-7181	14-7181	10	40,000	20,000
-	11-7182	14-7182	10	60,000	30,000
-	11-7183	14-7183	12	60,000	30,000
-	11-7185	14-7185	10½	60,000	30,000
-	11-7186	14-7186	12	60,000	30,000

APPLICATION: Axle load weighing of vehicles for highway weight
control or heavy duty weighing of fully supported loads in general
trade.

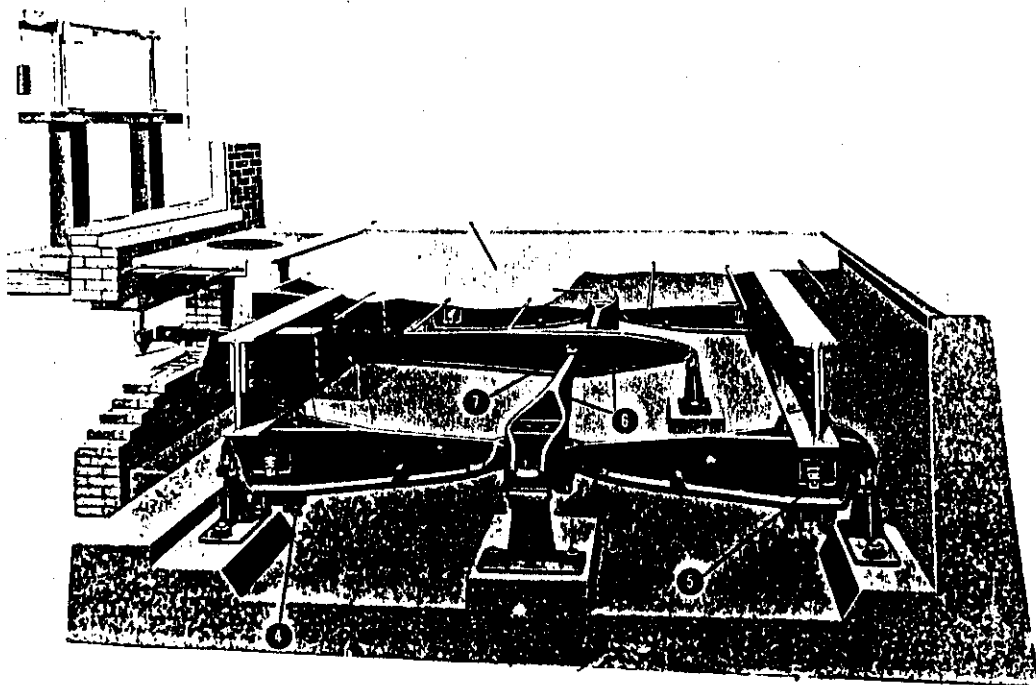
Fairbanks - Axle Load Type "S" Scales



Full-capacity beam



Cabinet dial with printer



Scale with type-registering beam

S/S.

DESCRIPTION: These scales are of two section arrangement with cast straight levers. Levers are designated by the manufacturer as Type "S." Load is transferred from the weighbridge to the levers by means of parallel link suspension assemblies.

The Levetric system utilizes an electrical resistance strain gauge load cell connected in tension to the tip of the transfer lever, the load cell output being amplified and fed to the indicator.

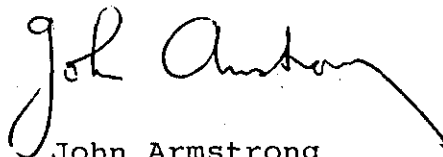
Scale decks may be constructed of concrete or wood or steel.

SPECIAL CONDITIONS: When installed as an axle load scale the approaches at each end shall be straight, in the same plane as the platform, and of sufficient length and width to ensure the level positioning of vehicles during weight determinations.

TESTING: The standard tests for heavy duty platform scales shall apply, except that end loads may be applied up to 100% of full scale capacity.

REFERENCE: G6922-F156-2

CONDITIONS OF APPROVAL: Approval is granted under the Weights and Measures Act, S.C. 1970-71-72, Chapter 36, and the Weights and Measures Regulations P.C. 1974-1461 of June 27, 1974 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.



John Armstrong
Chief, Weights and Measures
Legal Metrology Branch