



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



**STANDARDS BRANCH - DIRECTION DES NORMES**

**NOTICE OF APPROVAL - AVIS D'APPROBATION**

NO.	S.WA - 695
DATE	April 20, 1972

HOWE RICHARDSON TANK AND HOPPER SCALES

Manufacturer: Robert Morse Corporation Ltd.,  
Ville St. Pierre, Quebec.

Apparatus:

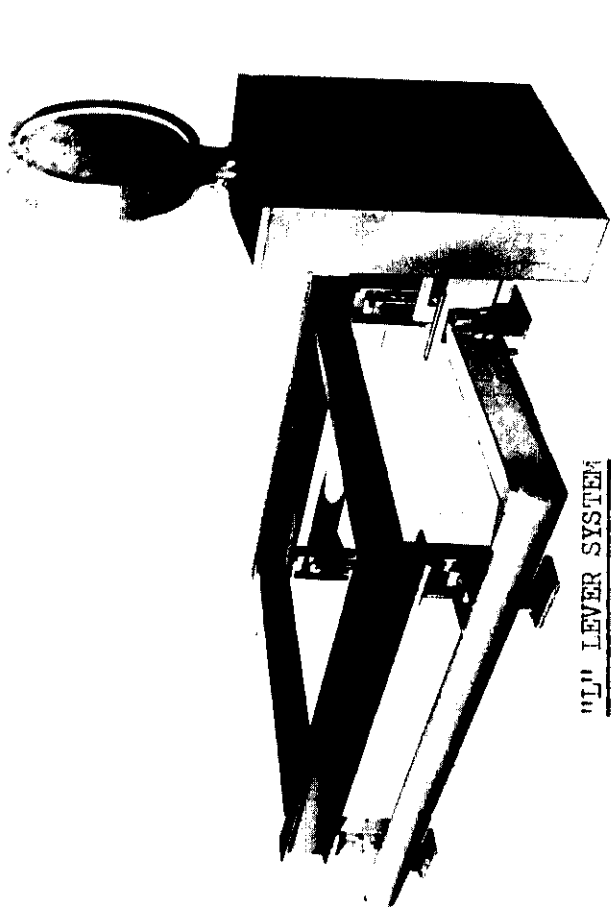
TANK SCALES

<u>Model Number</u>	<u>Max. Capacity Pounds</u>	<u>Model Number</u>	<u>Max. Capacity Pounds</u>
<u>2 Sections</u>		<u>3 Sections</u>	
3A-2, 3B-2	14,000	50A-3, 50B-3	320,000
5A-2, 5B-2	28,000	75A-3, 75B-3	470,000
15A-2, 15B-2	80,000	75C-3	470,000
30A-2, 30B-2	160,000	100C-3	620,000
50A-2, 50B-2	260,000	150C-3	920,000
75A-2, 75B-2	350,000		
75C-2	350,000	<u>4 Sections</u>	
100C-2	460,000	3A-4, 3B-4	26,000
150C-2	670,000	5A-4, 5B-4	44,000
		15A-4, 15B-4	130,000
		30A-4, 30B-4	250,000
		50A-4, 50B-4	420,000
		75A-4, 75B-4	620,000
		75C-4	620,000
		100C-4	820,000
		150C-4	1,220,000
<u>3 Sections</u>			
3A-3, 3B-3	20,000		
5A-3, 5B-3	34,000		
15A-3, 15B-3	100,000		
30A-3, 30B-3	190,000		

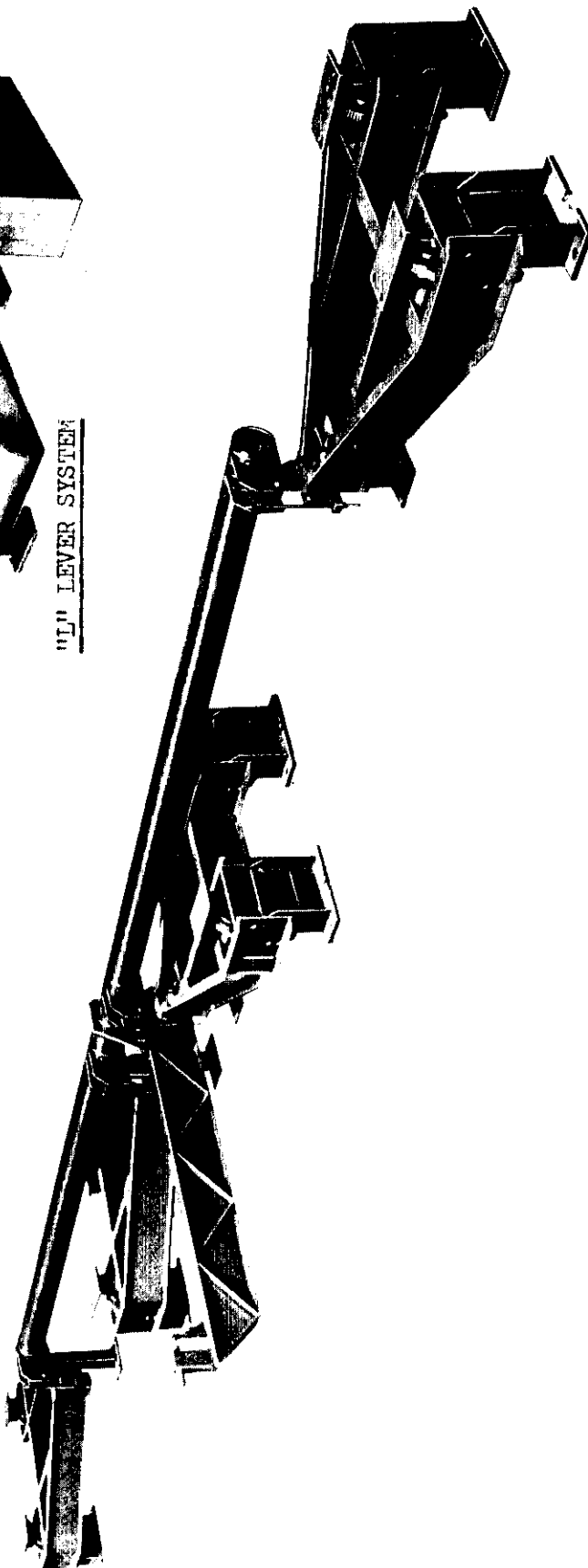
HOPPER SCALE

Model Type "B" - Maximum Capacity 11,000 lbs.

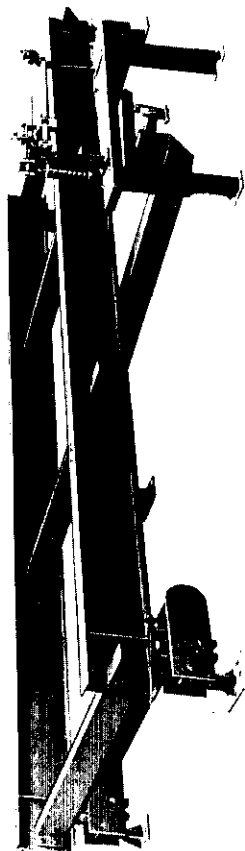
HOWE RICHARDSON TANK AND HOPPER SCALES



"L" LEVER SYSTEM



"M" LEVER SYSTEM



"T" LEVER SYSTEM

Scales may be equipped with any of the following types of indicating equipment:

- Mechanical dial head- Models 9100, 27000, 29000, 31000, 31000E4A, 32000, 33000, 34000, 35000, 36000, 37000, 37000E4A.
- Electronic indicator, in conjunction with strain gauge load cell - Models 7700, 7800, SSD.100, DI.100, DI.300, DIP.1070, DIP.1071.
- Beams - Tare, full capacity, type recording.
- Digital indicator for beam scales - Models 77, 77-W, 77-DW.
- Over/Under indicator for beam scales - Model 6102.
- Unit weights - manual or automatic.
- Printer, cut-offs, remote indicators, weight encoders.

Rating: Scale capacities are as listed above.

Application: The weighing of free-flowing materials in trade.

Description: All scales on this listing are equipped with levers of welded steel construction. Cast levers are optional on scale Model 3B-2 only. The lever style is identified by means of letter coding which is included in the Model No.

- A - "T" shaped torsion levers
- B - "L" shaped torsion levers
- C - "A" shaped levers

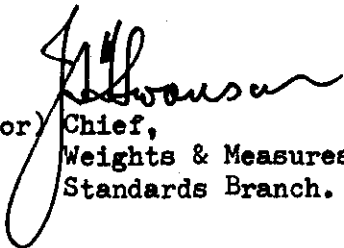
Models 3A-2, 3B-2, 3A-3, 3B-3, 3A-4, 3B-4 are equipped with ball and socket load bearing assemblies. All other models utilize double link suspension bearings. The hopper scale Type "B" is equipped with the same lever system as Model 3B-2 tank scale.


Testing: The standard tests for tank and hopper scales shall apply.

References: SW - 85 - H11  
SL - 102 - 740

Conditions of Approval:

Approval is granted under the Weights and Measures Act, Chapter 292, and Regulations thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.

  
(for) Chief,  
Weights & Measures Division,  
Standards Branch.

  
R. W. MacLean,  
Director,  
Standards Branch.