



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDIZATION BRANCH

OTTAWA.....Nov. 5, 1934.APPROVAL LISTING

EASTERN SCALE - WESTERN SCALE  
SUSPENSION TANK OR HOPPER SCALES

Under the provisions of the Weights and Measures Act, Chapter 292, R.S.C. 1922, 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: Suspension Tank or Hopper Scales Models S.T.B., S.T.B.B., S.T.D.H., S.T.P.D., S.T.C.D., S.H.B., S.H.B.B., S.H.D.H., S.H.P.D., S.H.C.D., manufactured by Eastern Scale Works Limited, 33 Carnforth Road, Toronto 16, Ontario and Western Scale Company Ltd., 630 Industrial Avenue, Vancouver 10, B.C.

Model Designation Code

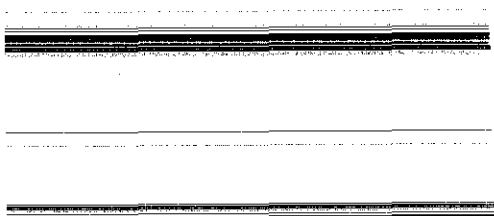
Model S.T.B. - Suspension Tank Scale with Beam.  
 Model S.T.B.B. - Suspension Tank Scale with Ratcheting Beams (max. 4 beams).  
 Model S.T.D.H. - Suspension Tank Scale with Dial Head.  
 Model S.T.P.D. - Suspension Tank Scale with Pedestal Dial.  
 Model S.T.C.D. - Suspension Tank Scale with Cabinet Dial.  
 Model S.H.B. - Suspension Hopper Scale with Beam.  
 Model S.H.B.B. - Suspension Hopper Scale with Ratcheting Beams (max. 4 beams).  
 Model S.H.D.H. - Suspension Hopper Scale with Dial Head.  
 Model S.H.P.D. - Suspension Hopper Scale with Pedestal Dial.  
 Model S.H.C.D. - Suspension Hopper Scale with Cabinet Dial.

Rating of Apparatus: Capacities from 500 pounds to 50 tons.

Application: For weighing liquids or free flowing material.

Conditions: As prescribed in P.C. 6894.

Description: These scales are designed for weighing material in a hopper or a tank which is suspended underneath the leverage system.



(

(

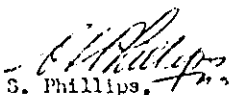
Description (cont'd)

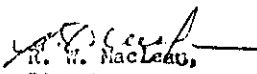
The lever system consists of two pipe type torque levers with extensions connected to a transfer lever which in turn is connected to the weight indicating element. The levers may be supported by a sub-frame or by the building structure.

The weight indicating element may be either a beam or a dial head, a number of variations of each being available. Beam models may be either type registering or full capacity beam with single or compound bar. Dial Heads may be equipped with a printing device if desired. The Dial Heads are manufactured by Detecto Scale Company, Brooklyn, New York, U.S.A.

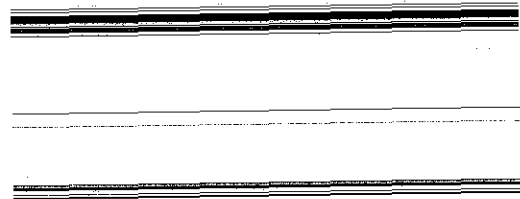
## Testing:

The standard tests for a tank hopper scale shall apply.

  
C. S. Phillips,  
Chief, Weights & Measures Division,  
Standards Branch.

  
R. W. MacLean,  
Director,  
Standards Branch.

Ref: SL-102-663.

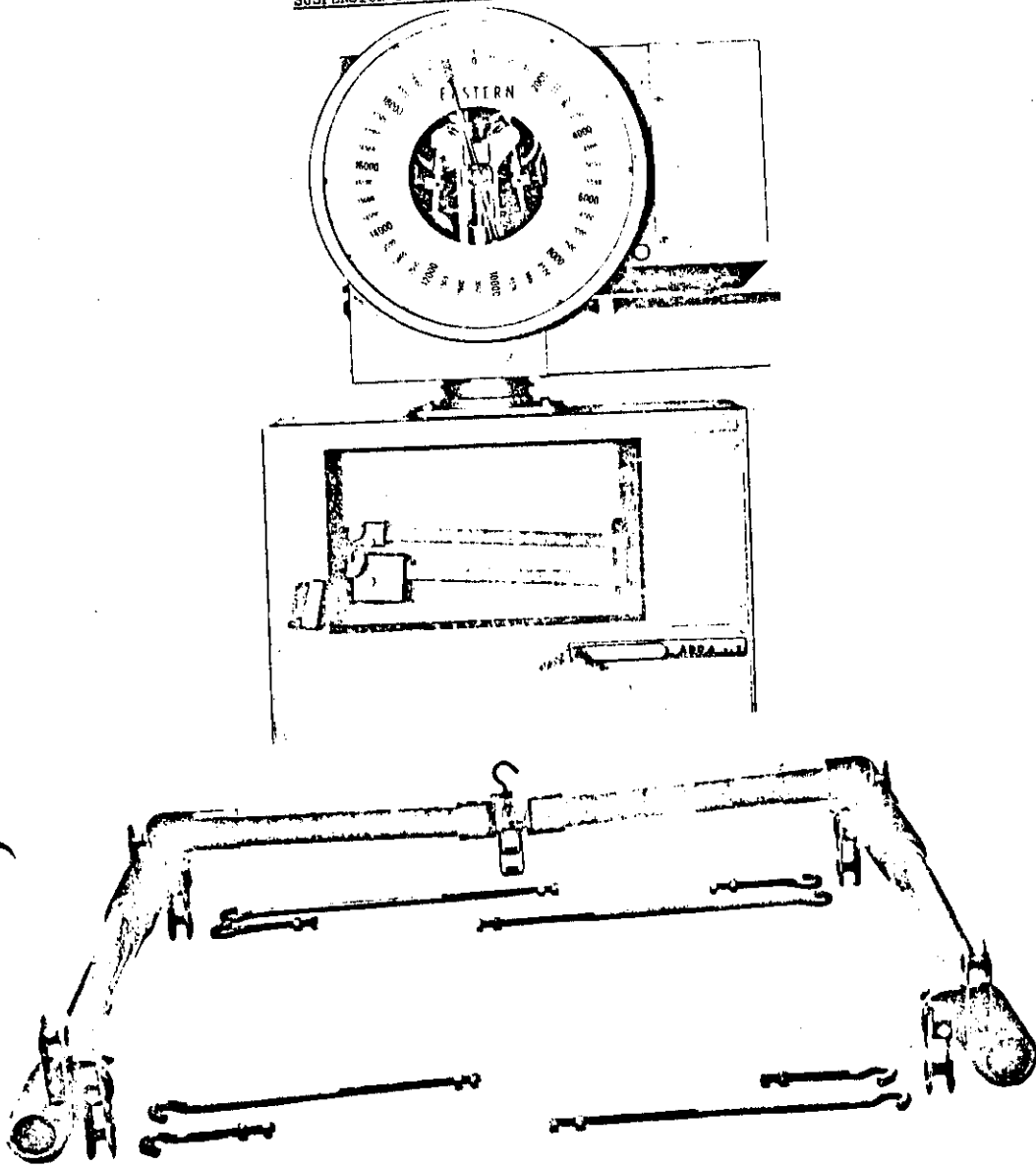


(

(

EASTERN SCALE - WESTERN SCALE  
SUSPENSION TANK OR HOPPER SCALES

S.W.A-505



\_\_\_\_\_

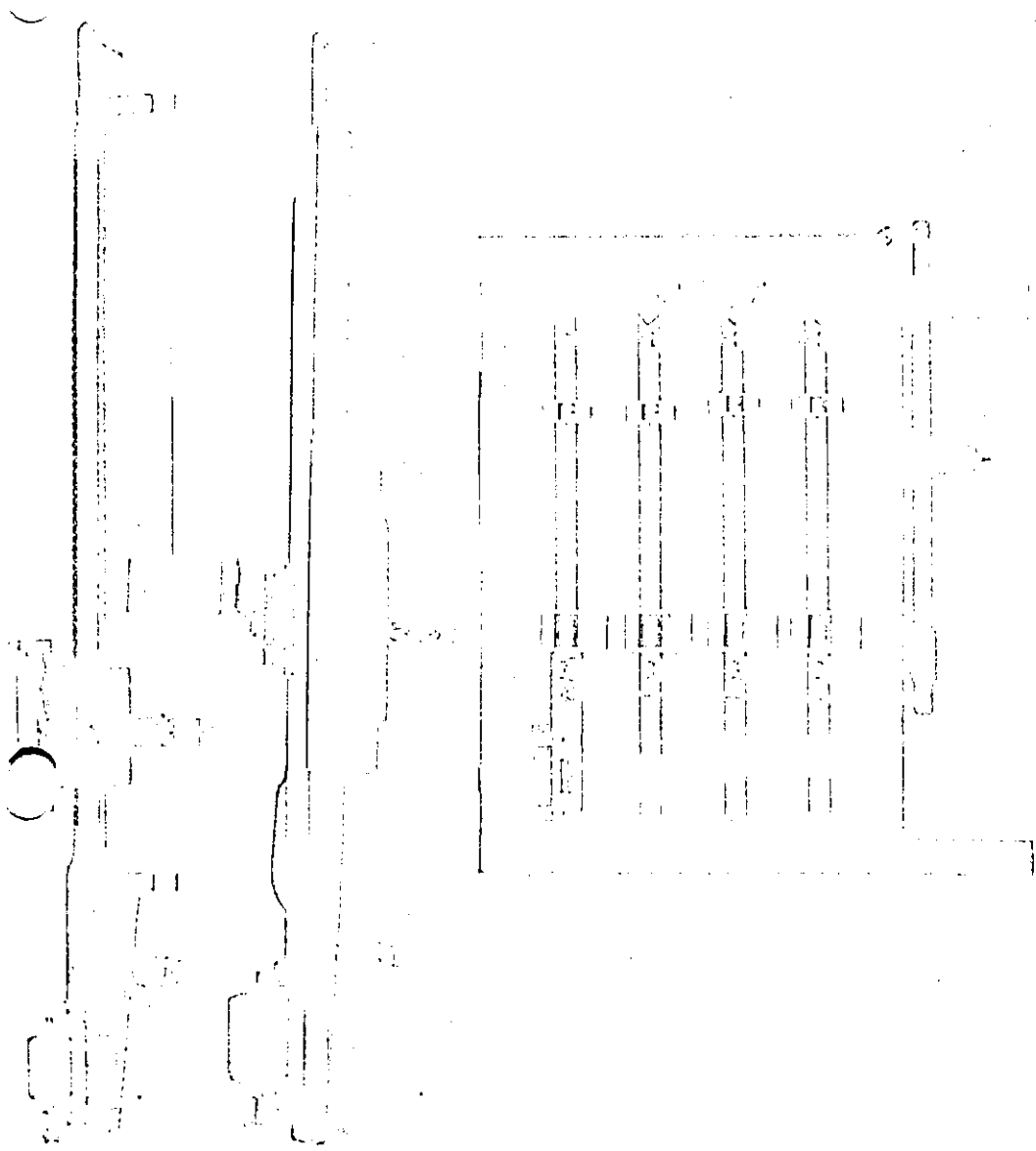
\_\_\_\_\_

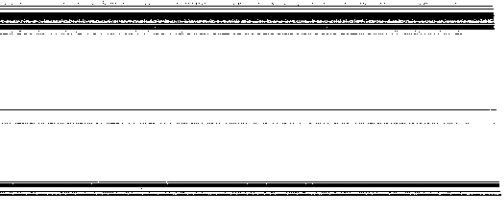
\_\_\_\_\_

(

(

FIGURE 10 - (continued)  
S. W. A. 505





(

(