



DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS BRANCH

OTTAWA, September 16, 1963.

RESTRICTED APPROVAL LISTING

ABCs - BELT CONVEYOR SCALE

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 has been listed as an approved device for restricted use and may be used in Canada in accordance with the conditions applicable.

Apparatus Listed: Belt Conveyor Scale Model SV manufactured by ABCs Scale Division, McDowell Company, Inc., 113 St. Clair Ave., N.E. Cleveland 14, Ohio, U.S.A.

Rating of Apparatus: The capacities in pounds or tons per hour may vary from 5 tons to 2500 tons per hour depending on the requirements of the particular application. Normal loading should not be less than 50 per cent of the declared capacity.

Application: Bulk weighing of crude or cheap material such as crude ore, salt, fertilizer, cement and similar products.

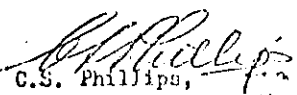
Conditions: As prescribed in P.C. 6894.

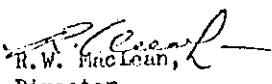
- Note:
- (1) Maximum applicable tolerance .5%
  - (2) These devices are required to bear a permanently affixed plate bearing the words "Restricted--Trade and Commerce" or the mark "Restricted--T&C".

Description: This device is a belt conveyor type scale designed to integrate the speed of the belt with the belt load and totalize the weight in pounds or tons and decimals of tons.

The Integrating head is of the pendulum type with a cone and tilting wheel. The main levers are class two type of fabricated cold roll steel consisting of two parallel torsion shafts. A splicer arm is assembled to one end of each shaft connecting them to the integrator beam which in turn is connected to the integrator head.

Testing: The standards tests for conveyor scales are prescribed in the Inspectors Handbook part 11 Chapter 2 pages 20 to 24 shall apply.

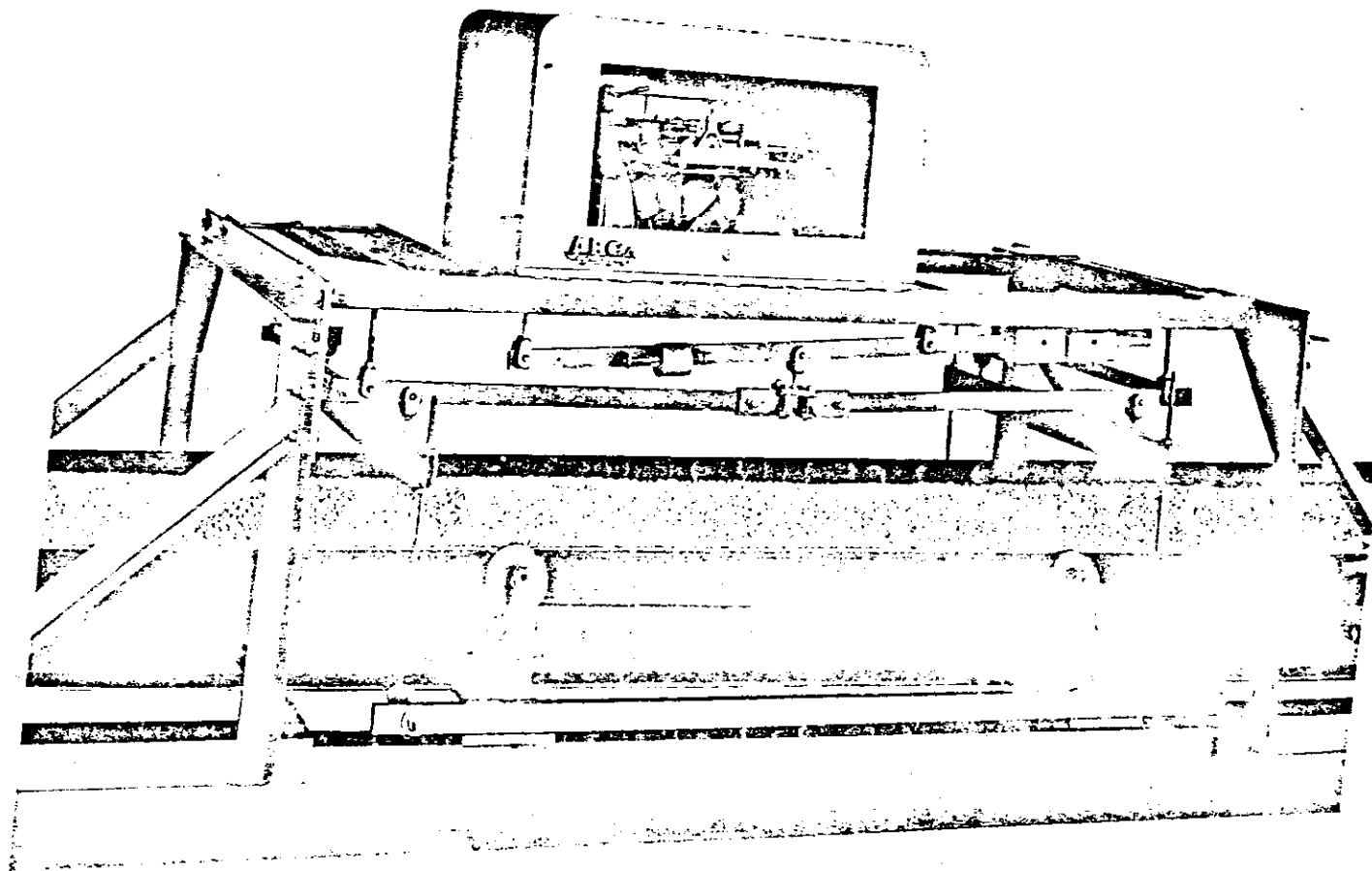
  
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Chief, Weights and Measures Division,  
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