



CANADA

DEPARTMENT OF TRADE AND COMMERCE  
STANDARDS DIVISION

OTTAWA,..... May 8th, 1957.....

## APPROVAL LISTING

Dormant Platform Scale with optical projection indicator  
manufactured by W. & T. Avery Limited, Birmingham, England.

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 and may be used in Canada  
in accordance with the conditions applicable.


**Apparatus Listed:** Dormant Platform scale with optical projection registering head,  
model 3206FCA with capacities ranging from 750 lbs. to 3000 lbs.


**Application:** Weighing commodities in general trade, shipping, receiving and  
industrial weighing.

**Conditions:** As prescribed in P.C. 6894.

**Description:** This device is equipped with a leverage system similar to type 3306  
(SD-WA.257). Registration is accomplished by optical projection.  
The power generated by deck loading is carried through intermediate  
levers in the head and by means of a cam and ribbon to a pendulum  
resistant. A rigid extension from the pendulum stem supports the  
film type chart which moves in an arc proportional to the pendulum  
movement. A beam of light is projected through the chart and an  
image of the graduations appears on a mirror and is reflected by  
means of mirrors on a ground glass screen in view of the operator  
and a stationary finger indicates the weight. The device is equipped  
with unit drop weights which are positioned by an electrical motor  
controlled by a thumb lever. A slotted shutter operates in conjunction  
with this operation allowing the appropriate set of major graduations  
to appear on the screen.  
The tare operating hand wheel when turned rotates a drum to which is  
affixed a film type chart. The drum movement is synchronized with  
the tare beam poise by means of steel ribbons. The image of the tare  
graduations appear on a separate ground glass screen in view of the  
operator. The tare lever is equipped with a dash pot on one end.

**Testing:** Standard tests for a dormant platform dial scale shall apply.

  
C. S. Phillips,  
Assistant Director (W&M),  
Standards Division

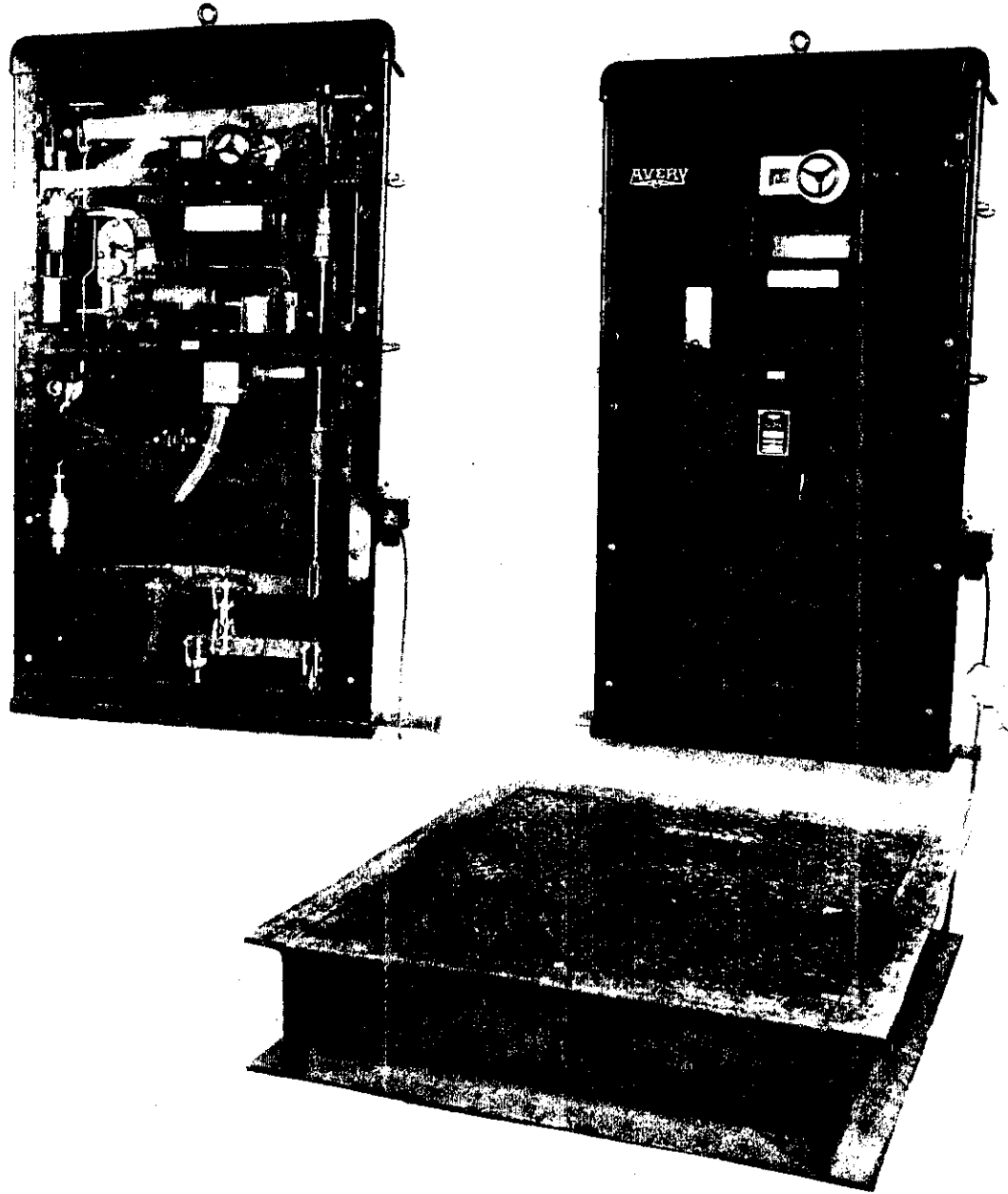
  
R. W. MacLean,  
Director,  
Standards Division

**Reference:** A-441

Avery Dormant Platform Scale  
with optical projection  
registering head  
MODEL 3306FCA

SD-WA.300

Dial head mechanism





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