



[I-21/228/2024-W&M Section]  
GOVERNMENT OF INDIA/भारत सरकार  
MINISTRY OF CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION  
उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय  
DEPARTMENT OF CONSUMER AFFAIRS/ उपभोक्ता मामले विभाग  
LEGAL METROLOGY DIVISION/ विधिक मापविज्ञान प्रभाग

Krishi Bhawan/कृषि भवन, नई दिल्ली  
Dated/दिनांक:- 20.03.2025

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

Whereas the Central Government, after considering the report submitted to it by the prescribed authority, is satisfied that the model described in the said report is in conformity with the provisions of the Legal Metrology Act, 2009 (1 of 2010) and the Legal Metrology (Approval of Models) Rules, 2011 and the said model is likely to maintain its accuracy over periods of sustained use and to render accurate service under varied conditions;

Now, therefore, in exercise of the powers conferred by section 22 of the Legal Metrology Act, 2009 (1 of 2010) read with sub-rule (6) of rule 8 and sub-rule (4) of rule 11 of the Legal Metrology (Approval of Models) Rules, 2011, as per Schedule Seventh of the Legal Metrology (General) Rules, 2011, the Central Government hereby issues the certificate of Automatic Rail Weighbridge of series "52 Series WIM" with brand name "Avery Weigh-Tronix" (here in after referred to as the said model), manufactured by M/s Avery India Limited, Plot no.50-59, Sector-25, Ballabhgarh, Faridabad, Haryana-121004 which is assigned the approval mark IND/09/25/ 86 (the picture of the model is given below as Figure 1);

**Technical Data:**

|                         |  |
|-------------------------|--|
| Type of instrument      | Automatic Rail Weighbridge   |
| Maximum capacity        | 35 t   |
| Minimum capacity        | 2.5 t  |
| Accuracy class          | 1 (wagon weighing)   |
| Maximum wagon weight    | 140 t  |
| Minimum wagon weight    | 10 t   |
| Scale interval          | 0.2 t  |
| Maximum operating speed | 15 km/hr   |
| Minimum operating speed | 1 km/hr  |
| Maximum Transit speed   | 30 km/hr   |
| Display                 | LCD for wagon weight information display<br>LED for Live weight display(2 nos)<br>LCD for digitiser status display (2 nos) |
| Load Cell               | Model : SLP 533; Accuracy class: C3; Make: Mettler Toledo, Capacity: 150kg   |
| Power requirement       | 230 V AC, 50 Hz  |
| Details of Load Cell    | No. of Load cell : 04; Model No: 52PL;<br>Manufactured by: Avery India Limited; Load cell type : Rail mounted transducer   |
| Usage                   | This instrument is intended to weigh rail wagons in motion.  |



Figure-1

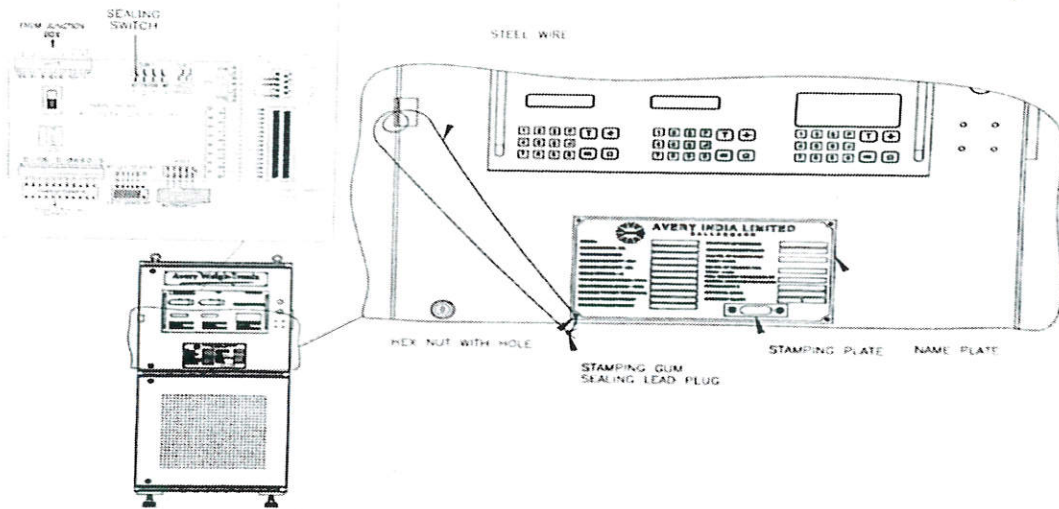
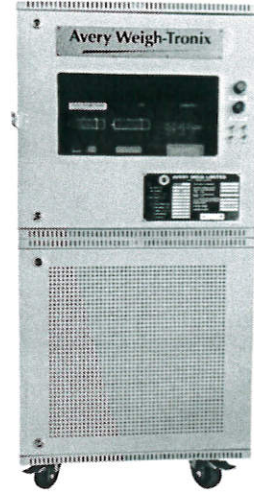


Figure 2

A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2.

Further, in exercise of the power conferred by sub-rule (9) of rule 8 of the Legal Metrology (Approval of Models) Rules, 2011, the Central Government hereby declares that this certificate of approval of the said model shall also cover the weighing instruments of similar make, accuracy and performance of same series with capacities upto 140t with d=0.2t manufactured by the same manufacturer in accordance with the same principle, design and with the same materials with which, the said approved model has been manufactured

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