



Online Application No. 23655

[I-21/193/2026-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:- 14. 08..2026

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 model of Automatic Rail Weighbridge of series “ERIM 9000” with brand name “ESSAE” (herein after referred to as the said model), manufactured by M/s. ESSAE DIGITRONICS PRIVATE LIMITED, No 34 & 35 , Bommasandra Industrial Area , Bangalore, Karnataka -560099 and which is assigned the approval mark IND/09/26/396 (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	Class 1 for wagon weighing and Class 1 for train weighing
Maximum wagon weight	100 t
Minimum wagon weight	10 t
Scale interval	0.2 t
Maximum operating speed	15 km/hr
Minimum operating speed	0.1 km/hr
Maximum Transit speed	35 km/hr
Display	TFT touch screen display
Load Cell	Model : Dual Sensor Weigh Rails ; Accuracy class: C3; Make: ESSAE, Capacity: 40 t
Power requirement	230 V AC
Weighing software version	V.1.10
Checksum	1300BFFC1D2DFE4DD13776DD776EDC6D7D6257 BE55EA25ED397568826B83C0EE

Figure-1



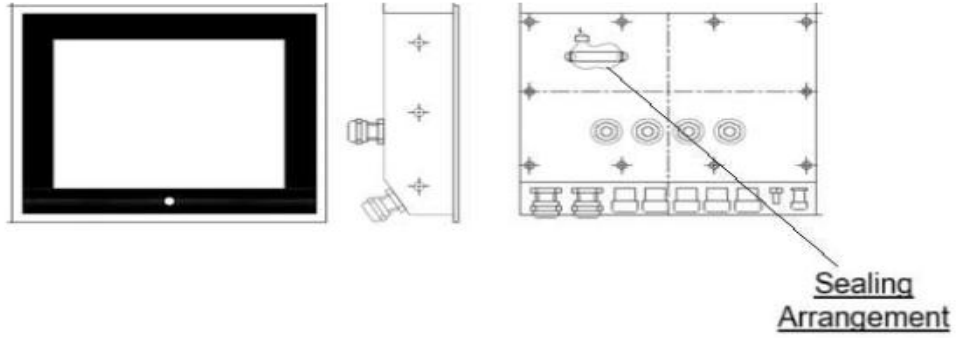


Figure 2

A typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2. A dip switch has also been provided in mother board/PCB to disable access to external calibration.

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 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.

[F.No. I-21/193/2026-W&M Section]



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