



[I-21/380/2025-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:- 07.01.2026

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

Whereas the Central Government, after considering the report submitted to it by prescribed authority, is satisfied that the model described in the said report (see the figure given below) 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 OIML R 50, the Central Government hereby issues the certificate of approval of the model of Continuous Totalizing Automatic Weighing Instruments (Belt Weigher) with accuracy class-1 of series "IEB" and with brand name " Minebea Intec " (hereafter in this notification referred to as the said model), manufactured by M/s Minebea Intec India Private Limited, 26-D, Phase-II, KIADB Industrial Area, Peenya, Bengaluru Karnataka-560058 and which is assigned the approval mark IND/09/26/ 06 (the picture of the model is given below as Figure 1);

Technical Data:

Type of instrument	Continuous totalizing automatic weighing instrument (Belt Weigher)
Procedure Adopted	OIML R 50
Working Principle	Load cell and electronics based
Accuracy class	1
Maximum	500 kg
Totalization scale interval (dt)	10 kg
Maximum Flow rate (Q _{max})	2000 t/h
Minimum Flow rate (Q _{min})	400 t/h
Minimum totalized load (Σ _{min})	254.43 t (belt length 998.4 m)
Belt speed	2.18 m/s
Weigh length	1.8 m
Type of display	TFT Colour
Power	230 V AC, 50Hz / 24 V DC
Load Cell	Make : Minebea Intec; Accuracy class: C3; Model: PR 77; Capacity: 500kg x 4; Type: Bending beam type load cells
Software version	02.27.02
Checksum	DCFAF958

Figure 1



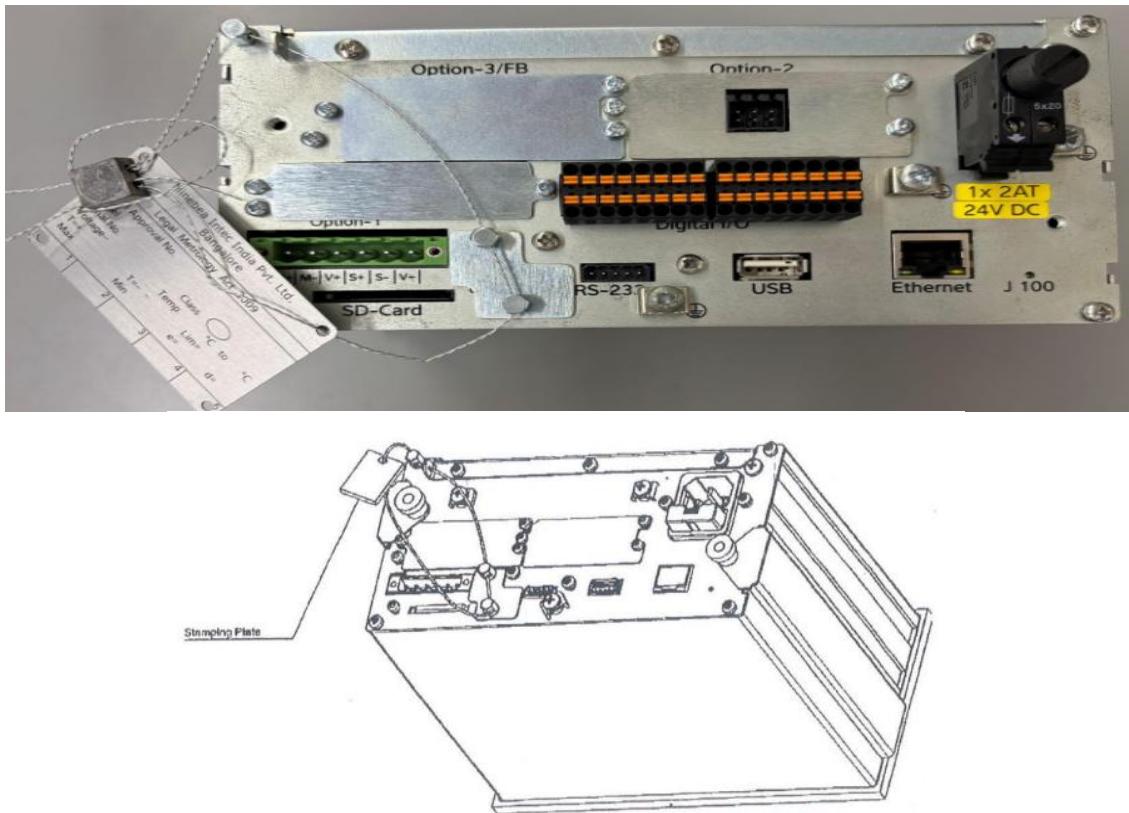


Figure 2

Sealing is done at the rear left position of the controller using top plate and stud or screw with holes provided through which the locking seal wire can be inserted and sealed with lead (a typical schematic diagram and photograph 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 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 18000 t/h with belt speed from 0.5m/s to 4m/s 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-21/380/2025-W&M Section]



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