



[I-21/313/2025-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, New Delhi /कृषि भवन, नई दिल्ली

Dated/दिनांक:- 08.01.2026

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 instrument (Belt Weigher) belonging to accuracy class 0.5 of series "PELWEIGH" and with brand name "PRAYAS ENGINEERING" (hereafter in referred to as the said model), manufactured by M/s Prayas Engineering Limited, 24/B Savli Industrial Estate, Manjusar, Vadodara, Gujarat 391775 and which is assigned the approval mark IND/09/26/ 16 (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 for testing & conformity	OIML R 50
Accuracy class	0.5
Working principle	Electronics and load cell based
Max. Capacity of weighing module	500kg
Minimum Capacity of the weighing module	100kg
Maximum load per unit length	125kg/m
Min. Totalized load (Σ min)	40 t
Totalizer scale interval (dt)	1kg
Maximum Flow rate (Qmax)	2000 t /hour
Minimum Flow rate(Q min)	400 t/hour
Belt Length (weighing zone)	4 m
Belt speed	1 to 5 m/s
Power option	110 V/ 240V AC, 50 Hz
Load cell details	Make : VPG Transducers; Model:9363 Revere, Accuracy class: C3; Maximum capacity : 1000 kg each
Software details	Version: 6.10r41 Checksum:1091
Display/Indication	LCD
Materials to be handled	Coal, stone chips, ore, etc.

Figure 1



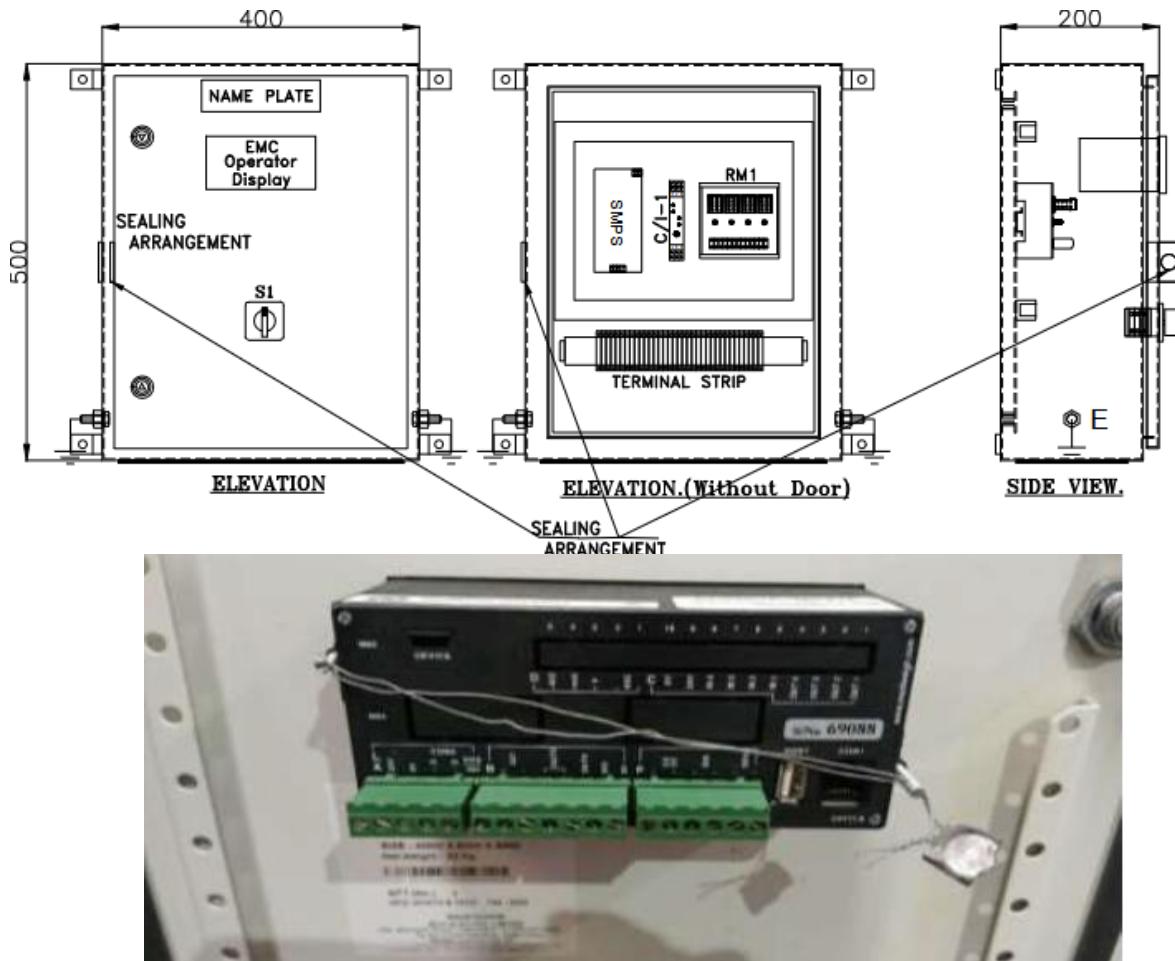


Figure 2

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 continuous totalizing automatic weighing instrument (Belt Weigher) of similar make, accuracy and performance of same series with maximum capacity upto 5000t/hour 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-21/313/2025-W&M Section]



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