



[I-21/402/2023-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:- 03.04.2024

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

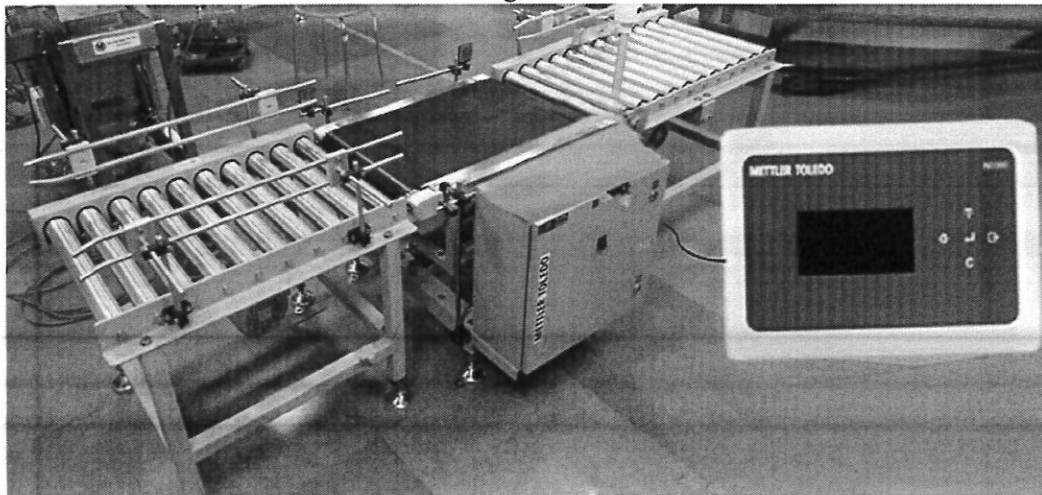
Whereas the Central Government, after considering the report submitted to it by prescribed authority, is satisfied that the model described in the said report (see the figure given below) is in conformity with the provisions of the Legal Metrology Act, 2009 (1 of 2010) and the Legal Metrology (Approval 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 51, the Central Government hereby issues the certificate of approval of the model of automatic catch weighing instrument (check weigher) belonging to accuracy class XIII(x), where x=1 of series "IND360" and with brand name "METTLER TOLEDO" (hereafter in referred to as the said model), manufactured by M/s Mettler-Toledo India Private Limited, Amar Hill, S.V. Road, Powai, Mumbai City, Maharashtra-400072 and which is assigned the approval mark IND/09/24/168 (the picture of the model is given below as Figure 1);

Technical Data:

Type of instrument	Automatic Catch Weighing Instrument (check weigher)
Procedure Adopted for testing & Conformity	OIML R 51
Mass Measuring Device	Strain Gauge Type of Load cell
Accuracy class	XIII(x), where x=1
Maximum capacity	30kg
Minimum capacity	100g
Scale interval (e)	5g
Belt Speed/Checking frequency	0.1 m/sec to 3 m/sec
Belt Size/Load Receptor	800mm x 800mm
Power Supply	230 V, 50 HZ AC /24 V DC
Display	TFT LCD

Figure 1



BRAND: METTLER TOLEDO

MODEL: IND360

Max=30kg | Min=100g | e= 5g | Class = XIII (1)



## IND360 Harsh & Panel Enclosure Sealing method and Instruction

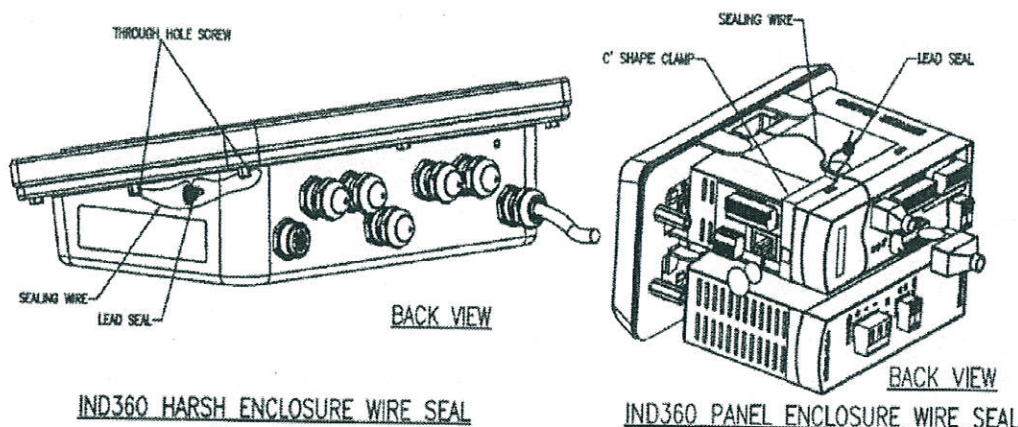


Figure 2

**For IND360 Harsh Enclosure:** Sealing is done by passing the sealing wire through the screws provided on the body of machine. A lead seal is put at the end of the wire for stamping purpose (a typical schematic diagram of sealing provision to prevent the fraudulent practices of the model is given above as Figure 2). The instrument has external calibration facility through dip switch provided on the printer circuit Board which is not accessible for calibration without breaking/tampering the seal.

### For IND360 Panel Enclosure:

#### **Procedure:-**

1. Sealing kit consist of c-shaped clamp, sealing wire and sealing lead.
2. As mention in figure-2 c-shaped clamp is places on the dip switch area which has a notch and Goes into the slot and prevent it from moving laterally.
3. Sealing wire is passed through the holes in the clamp around it ensuring the locking of the Clamp.
4. To ensure the terminal is not opened from front, another sealing wire is passed through the Holes laterally.
5. Both the ends of the sealing wires are tightened and passed through the sealing lead and Sealed as per weight and measures.

\* The instrument has external calibration facility through dip switch provided on the printer circuit Board which is not accessible for calibration without breaking/tampering the seal.

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 automatic catch weighing instrument of similar make, accuracy and performance of same series with maximum capacity upto 50kg 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-21/402/2023-W&M Section]

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