



[I-21/158/2024-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, New Delhi/कृषि भवन, नई दिल्ली

Dated/दिनांक:- 13. 06..2024

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

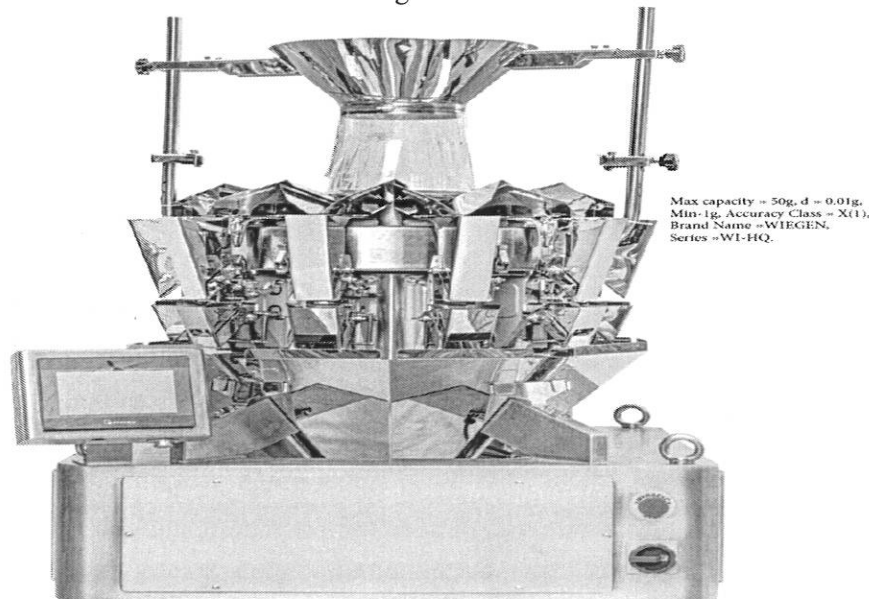
Whereas the Central Government, after considering the report submitted to it by prescribed authority, is satisfied that the model described in the said report (see the figure given below) is in conformity with the provisions of the Legal Metrology Act, 2009 (1 of 2010) and the Legal Metrology (Approval 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 Schedule Seventh of the Legal Metrology (General) Rules, 2011, the Central Government hereby issues the certificate of approval of automatic gravimetric filling instrument belonging to accuracy class X(x), where $x=1$ of series "WI-HQ" and with brand name "WIEGEN" (hereinafter referred to as the said model), manufactured by M/s Wiegen India, K 472, UPSIDC Site 5, Surajpur Industrial Area, Kasna, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh- 201308 and which is assigned the approval mark IND/09/24/ 264 (the picture of the model is given below as Figure 1);

Technical Data:

Type of instrument	Automatic gravimetric filling instrument
Working Principle	Load Cell and electronics
Accuracy class	X(x), where $x=1$
Maximum capacity	50 g
Minimum capacity	1 g
Scale interval (d)	0.01 g
No. of Filling Heads	10 (Ten)
Filing speed	12-30 fills/min
Power Supply	230 V AC, 50 Hz
Material to be filled	This machine is intended for filling mass of free flowing materials
Display	Liquid Crystal Display (LCD)

Figure 1



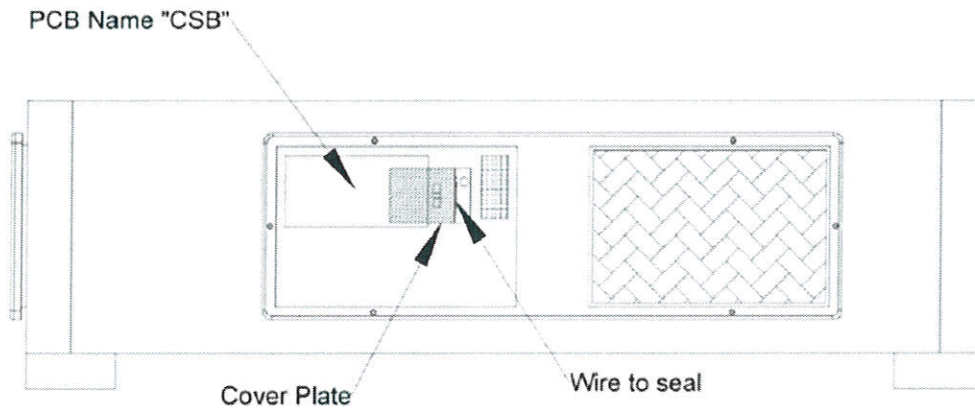
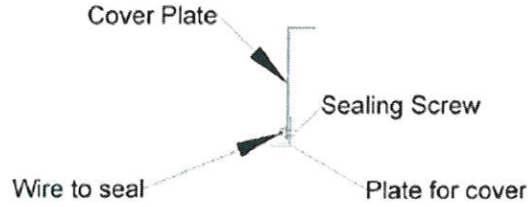


Figure 2

After calibration of multi head weigher, DIP Switch 1 in PLC name “CSB” will be made ON to disable the calibration function. Cover plate will be fixed with two screws over PCB name “CSB” to stop access to DIP Switch in PCB. These screws have got holes in head. Sealing wire will pass through holes in screws and will be sealed by W&M department. Cover plate can be removed after breaking seal and removing wire from screw heads. 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 automatic gravimetric filling instruments of similar make, accuracy and performance of same series with maximum capacity up to 100 g and 10 (Ten) and 14 (Fourteen) filling heads 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-21/158/2024-W&M Section]

Ashutosh Agarwal

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