Online Application No. 27305

[I-21/295/2026-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-: 11.11.2026

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 Schedule Seventh of the Legal Metrology (General) Rules, 2011, the Central Government hereby issues the certificate of approval of model of automatic gravimetric filling instrument belonging to accuracy class X(x), where x=1 of series "RBTESPL-S-2 (Duplex)" and with brand name "R B TECHNOCRATS" (hereinafter referred to as the said model), manufactured by M/s. R B TECHNOCRATS ENGINEERING SOLUTION PRIVATE LIMITED, Shri Chh. Co-Op Industrial Estate, Mauje Agar, Jaysingpur, Kolhapur, Maharashtra-416101 and which is assigned the approval mark IND/09/26/ 521 (the picture of the model is given below as Figure 1);

Technical Data:

Type of instrument	Automatic gravimetric filling instrument
Working Principle	Strain gauge type load cell based
Accuracy class	X(1)
Maximum capacity	50 kg
Minimum capacity	5 kg
Scale interval (d)	10 g
Filing speed	Upto 20 fills per minute
No.of filling heads	01
No.of weighing heads	02
Power Supply	230 V AC
Load Cell	Make: Minebea; Model & Series: CBE1-50K; Accuracy Class: C3, Capacity :50kg x 3; Type: Strain gauge
Type of Display	VFD
Software version	1.126G
Checksum	df7936ef7b490696e5feaa3a96f5ec1c5bd2b4d3efddae43db54ef46db4047d4
Materials to be filled	All kind of free flowing material

Figure 1





Figure 2

The sealing lead wire passes through the top head hole of the screw of the sealing box and through the cabinet body screw which contains a link inside (DIO switch /jumper). 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 the motherboard/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 automatic gravimetric filling instruments of similar make, accuracy and performance of same series with capacities up to 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-21/295/2026-W&M Section]

ASHUTOSH AGARWAL
Digitally signed by ASHUTOSH AGARWAL
Date: 2026.11.11 15:55:04 +05'30'

(Ashutosh Agarwal/आशुतोष अग्रवाल)
Director (Legal Metrology) to Govt. of India/ निदेशक (विधिक माप विज्ञान) भारत सरकार
Phone/दूरभाष : 011-23389489
Email/ई-मेल: dirwm-ca@nic.in