Online Application No. 22106

[I-21/329/2026-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-: 02 .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 "YSYGF" and with brand name "Orbit" (hereinafter referred to as the said model), manufactured by M/s. ORBIT EQUIPMENTS PRIVATE LIMITED, 23/24, Gundlapochampally, Medchal -Malkajgiri District, Telangana -501401 and which is assigned the approval mark IND/09/26/ 498 (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	15 kg
Minimum	5 kg
Verification Scale interval (d)	5 g
Filing speed	Upto 16 fills per minute
No.of filling heads	16
No.of weighing head	16
Power Supply	230 V AC
Load Cell	Make: Mettler Toledo; Model: SLP 845, Accuracy Class: C3, Capacity :100kg; Type: Strain gauge
Type of Display	LCD
Software version	2.03.0004
Checksum	0x9E21
Materials to be filled	All kinds of free flowing liquid material

Figure 1





Figure 2

Sealing is done by passing the wire through the socket provided with on both panel and door, as shown in the diagram above. 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.

[F.No. I-21/329/2026-W&M Section]

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