



[I-21/169/2024-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/कृषि भवन, नई दिल्ली  
Dated/दिनांक:- 08.07 .2024

Certificate of Approval of Model/ मॉडल का अनुमोदन प्रमाणपत्र

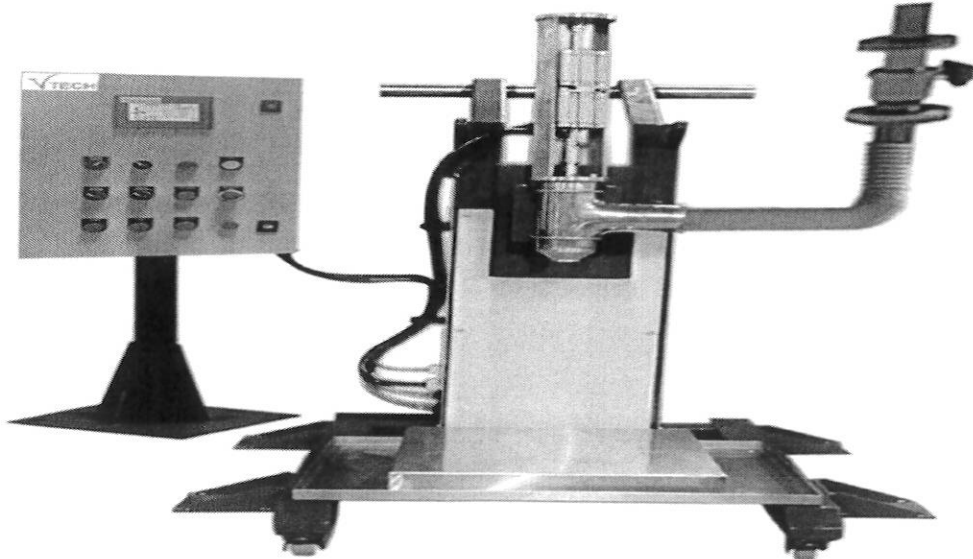
Whereas the Central Government, after considering the report submitted to it by prescribed authority, is satisfied that the model described in the said report (see the figure given below) is in conformity with the provisions of the Legal Metrology Act, 2009 (1 of 2010) and the Legal Metrology (Approval 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 "VTC-CFS" and with brand name "VTECH" (hereinafter referred to as the said model), manufactured by M/s V Tech Controls, No. 1, Erattaikuzhi Lane, Tondiarpet, Chennai-600081, Tamil Nadu and which is assigned the approval mark IND/09/24/315 (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 of Load cell based
Mass Measuring Device	Load cell based
Accuracy class	X(x), where $x=1$
Maximum capacity	50 kg
Minimum capacity	5 kg
Scale interval (d)	10 g
No. of Weighing Units	1 (One)
Filing speed	Upto 10 fills per minute
Power Supply	230 V AC
Material to be filled	This machine is intended for filling liquids like lube oils etc.
Display	Liquid Crystal Display (LCD)

Figure 1



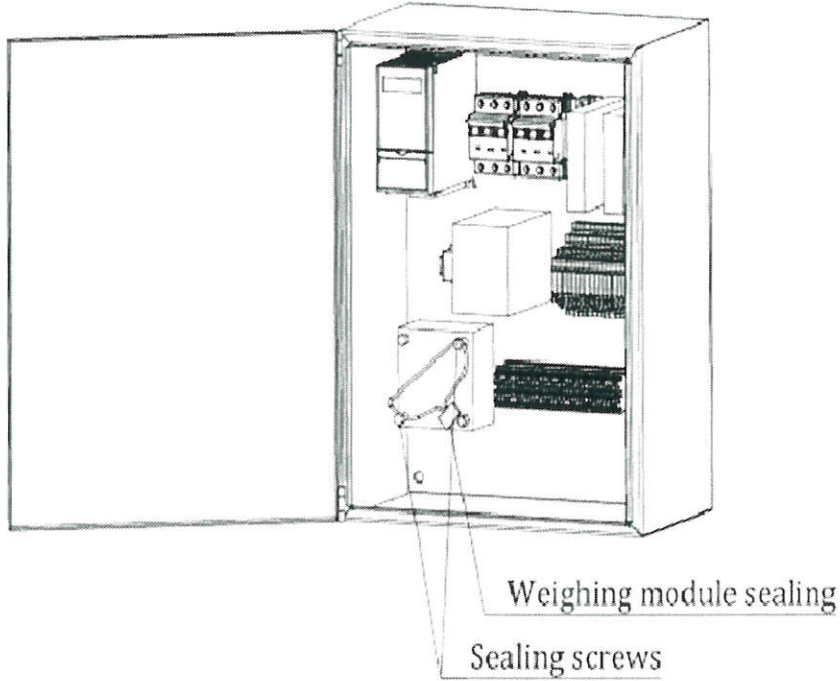


Figure 2

Front Side two screws with holes on the head are provided to insert the lead wire for sealing purposes. The module cannot be opened for Calibration without breaking the seal. 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 the motherboard/PCB to disable access to external calibration.

[F.No. I-21/169/2024-W&M Section]

*Ashutosh Agarwal*  
(Ashutosh Agarwal/आशुतोष अग्रवाल)

Director (Legal Metrology) to Govt. of India/ निदेशक (विधिक माप विज्ञान) भारत सरकार

Phone/दूरभाष 01123389489

Email/ई-मेल: [dirwm-ca@nic.in](mailto:dirwm-ca@nic.in)

Online Application No. 18528