Ministry of Business, Innovation & Employment

Wellington, New Zealand

CERTIFICATE OF APPROVAL

Weights and Measures Regulations 1999
Part 1 Regulations 5 and 6

Current Date of Issue: 18 January 2022
Original Date of Issue: 18 January 2022

Certificate 2409

Overseas Certificate No: R76/2006-NL1-15.21

This certifies that the OHAUS Valor 7000 V71P..., Instrument described overleaf has been approved as suitable for trade use subject to any conditions stated in the schedule:

Figure 1 - OHAUS Model Valor 7000 V71P

S R Bobbala **J Hattingh**

Under delegated authority from the Chief Executive of The Ministry of Business, Innovation & Employment

Note: This is not an approval to any person but only with respect to the type and pattern of weight, measure, or weighing or measuring instrument.

SCHEDULE

Overseas Certificate No: R76/2006-NL1-15.21

Pattern:	NAWI – Bench & Counter Type
Make:	OHAUS
Model:	Valor 7000 V71P...
Submitter:	Accurate Weighing Ltd
Manufacturer:	OHAUS Corporation New Jersey, USA
Maximum Capacity (Max):	See Table 1
Minimum Capacity:	20e
Verification Scale Interval:	See Table 1
Class:	III
Load Receptors:	225 mm x 300 mm
Tare:	See Table 1
Conditions of Approval:	1. Instruments are marked '"NOT TO BE USED FOR TRADING DIRECT WITH PUBLIC" (or similar wording). 2. Adjacent to level indicator a level notice stating "incorrect if not truly level" or a similar wording must be shown. 3. Trading Standards reserves the right to examine any instrument or component of an instrument purporting to comply with this approval. 4. This certificate does not imply and should not be construed as guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

Description:

The instrument is an OHAUS Model Valor 7000 V71P, (see Figure 1), Single interval, Class III, non-automatic, self-indicating weighing instruments with capacities as detailed in Table 1.

CONSTRUCTION:

Basework:
The instrument is self-contained with the load receptor directly supported by a single load cell.

Indicator:
The indicator form an integral part of the instrument and comprises a 6 digit, 7 segment LCD type display to indicate the weight value as well as the symbols of operation.

Power Supply:
Power supply may be either: mains supply (100 - 240 V AC, 50/60 Hz); or battery (6 V DC, rechargeable).

Additional Features:
The instrument is also equipped with certain additional functions (e.g. checkweighing, accumulation). These additional functions (other than the indications of measured mass, i.e. gross, tare, net), are not approved for trade use.

Interfaces:
The instrument may be equipped with RS323, USB and Ethernet

Software:
The legally relevant software version number is 1.xx where xx is a number between 00 and 99.

ZERO SETTING DEVICES

- Initial zero setting range:- not more than 20% of the maximum capacity
- Semi-automatic zero setting:- not more than 4% of maximum capacity
- Zero tracking device: not more than 4% with corrections ≤0.5d/sec. Zero-tracking operates only when indication at zero or at negative net value equivalent to gross zero and equilibrium state.
- Accuracy ± 0.25e

TARE:

A semi-automatic subtractive tare device of up to the maximum capacity of the instrument may be fitted.

METROLOGICAL MARKINGS:

Instruments shall carry the following markings:
Manufacturer's mark, or name:
Accuracy class
Pattern approval number: TS2409
Maximum capacity Max ...../..... g or kg *
Minimum capacity Min ..... g or kg *
Verification scale interval e = .../..... g or kg *
Maximum subtractive tare T = - ……. g or kg
Serial number of the instrument ……..

* These markings are also shown near the display of the result.
In addition, instruments must carry a notice stating NOT TO BE USED FOR TRADING DIRECT WITH THE PUBLIC, or similar wording.

Sealing: After calibration, the instrument is sealed with a destructible label/sticker as shown in Figure 2, with a wire seal, or similar method.

Mark of Verification: An adhesive destructible label and/or an approved type lead plug seal used to inhibit access to calibration functions of the instrument must carry a Mark of Verification. Removal of seal deems the instrument not verified.

Levelling: The instrument is equipped with adjustable feet and a level bubble. Adjacent to the level indicator shall be a notice "Instrument incorrect unless level" or similar wording.

Figure 2 - Sealing arrangements

Table 1 – Configuration

Model	V71P1502T	V71P3T	V71P6T	V71P15T	V71P30T
Capacity and verification scale interval	1,5 kg x 0,0005 kg or 1500 g x 0,5 g	3 kg x 0,001 kg or 3000 g x 1 g	6 kg x 0,002 kg or 6000 g x 2 g	15 kg x 0,005 kg or 15000 g x 5 g	30 kg x 0,01 kg or 30000 g x 10 g
Semi-automatic subtractive tare	1,5 kg or 1500 g	3 kg or 3000 g	6 kg or 6000 g	15 kg or 15000 g	30 kg or 30000 g
Approved resolution	1:3000	1:3000	1:3000	1:3000	1:3000
Construction	Stainless Steel load receptor, ABS Plastic housing				
Weighing units	kg or g				