CERTIFICATE

EU type-examination certificate

FI 22.1.02 Revision 1

Issued by	Inspecta Tarkastus Oy Notified Body Number 0424
In accordance with	The Council Directive 2014/31/EU on Non-automatic Weighing Instruments and EN45501:2015
Issued to	VETEK WEIGHING AB, Hantverksvägen 15, S-76493 Väddö, Sweden
Instrument type	A graduated, self-indicating, electronic, non-automatic weighing instrument.
Type designation	VEH-200-EC
Reference No.	230107-1
Annex	Descriptive annex of type examination certificate (3 pages)
Remarks	This revision replaces the earlier version.
Valid until	23rd of May 2032
Date of issue	Helsinki, 24th of May 2023
Signatories	Juha Saastamoinen Technical Expert
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FINAS
Finnish Accreditation Service
S054 (EN ISO/IEC 17065)

DESCRIPTIVE ANNEX
Of EU type-examination certificate of a non-automatic weighing instrument

CERTIFICATE HISTORY

CERTIFICATE NO.	DATE	DESCRIPTION
FI 22.1.02	23.5.2022	Type examination certificate first issued
FI 22.1.02 Revision 1	24.5.2023	Format of software version indication updated

NAME AND TYPE OF INSTRUMENT

The weighing instrument is intended for industrial weighing. The type of instrument is VEH-200-EC.

DESCRIPTION

Construction

The weighing instrument consists of following parts (figure 1)
-Load receptor (chair)
-Frame with four wheels
-Load cell
-Indicator:

Manufacturer	Type	Test certificate number
Vetek Weighing Ab	TI-2000	FIT 01.I.02

Load cell(s):

Any load cell(s) may be used for instruments under this EC type-approval Certificate, provided the following conditions are met:

1. There is a respective OIML Certificate of Conformity (R60) or a test certificate (EN 45501) issued for the load cell by a Notified Body responsible for type examination under Directive 2014/31/EU.
2. The certificate contains the load cell types and the necessary load cell data required for the manufacturer's declaration of compatibility of modules (EN 45501:2015 clause F.4), and any particular installation requirements. A load cell marked NH is allowed only if humidity testing to EN 45501 has been conducted on this load cell.
3. The compatibility of load cells and indicator is established by the manufacturer by means of the compatibility of modules form, contained in EN 45501:2015 clause F.4, at the time of EU verification or declaration of EU conformity of type.
4. The load transmission must conform to one of the examples shown in the WELMEC Guide for load cells.

Devices

-Device to check the display
-Semi-automatic zero-setting device
-Initial zero-setting device
-Zero indicating device
-Zero-tracking device

TECHNICAL DATA

Model	VEH-200-EC
Accuracy class	(III)
Max	200 kg
Min	20 e
Number of scale intervals n	n ≤ 2000
Load cell	Tedea 1242 (E_{max} = 250 kg)
Software version	10.00xx or 0618xx (x = 0…9)

Software version is indicated during switch on.

More technical data is described in the test certificates involved.

PERIPHERAL DEVICES AND INTERFACES

Peripheral devices and interfaces are described in the test certificates involved

LOCATION OF SEALS AND VERIFICATION MARKS

Sealing

- the cover of the indicator at both side shall be sealed
- load cell connections
- the calibration switch under the indicator shall be sealed

APPROVAL CONDITIONS

No parts of weighing instrument, no matter if they are mentioned or not, may not be in conflict with the essential requirements of the Annex I of the Directive 2014/31/EU.

LOCATION OF CE MARK, SEALS AND INSCRIPTIONS

A sticker with the CE marking of conformity with supplementary metrology marking is placed near the data plate. The supplementary metrology marking shall consist of the capital letter 'M' and the last two digits of the year of its affixing, surrounded by a rectangle. The height of the rectangle shall be equal to the height of the CE marking (5 mm).

The instrument bears markings according to the Annex III in Council Directive 2014/31/EU in such a way that the markings can't be removed. Max, Min and e are marked near the indication device.

The weighing instrument bears the number of EU-type examination certificate, manufacturer mark or name, postal address, accuracy class and serial number.

Illustrations
Figure 1

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