

WEIGHTS AND MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

## **REGULATION 9**

### SUPPLEMENTARY CERTIFICATE OF APPROVAL No S133

This is to certify that an approval has been granted by the Commission that the pattern and variant of the

Molenschot Model CSP-M-25-A Load Cell of 25 t Capacity

submitted by Jan Molenschot and Zoon by Teteringsedijk 53 4817 MA Breda, Holland

are suitable for use for trade, when used in a Commission-approved weighing instrument.

The approval is subject to review on or after 1/9/87.

Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S133 in addition to the approval number of the instrument.

The approval may be withdrawn if load cells are used other than as described in the drawings and specifications lodged with the Commission.

Conditions of Approval

- 1. The number of scale intervals applicable to the whole instrument shall be no greater than the number of verification scale intervals approved for the basework, or the load cell(s) or the headwork, whichever is the smallest.
- 2. The load cells to be used shall be subject to regular certification by the Commission.

Signed

### Descriptive Advice

Pattern: approved 16/8/82

Molenschot model CSP-M-25-A load cell of 25 t capacity.

Variant: approved 16/8/82

1. With "explosion-proof" construction and known as a model CSP\_M\_25\_EEx.

Technical Schedule No S133 dated 25/1/84 describes the pattern and variant.

### Filing Advice

Certificate of Approval No S133 dated 31/8/82 and its Technical Schedule are replaced by this Certificate and Technical Schedule, and may be destroyed. Figures 1 to 7 dated 31/8/82 should be retained. The documentation for this approval now comprises:

Certificate of Approval No S133 dated 25/1/84 Technical Schedule No S133 dated 25/1/84 (including Table 1) Figures 1 to 7 dated 31/8/82.



## TECHNICAL SCHEDULE NO S133

Pattern: Molenschot Model CSP-M-25-A Load Cell of 25 t Capacity

Submittor: Jan Molenschot and Zoon by Teteringsedijk 53 4817 MA Breda, Holland.

### 1. Description of Pattern

The pattern is a Molenschot model CSP-M-25-A load cell of 25 t capacity (see Figure 1 and Table 1) and is assembled in a Commission-approved basework.

#### 1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and as shown in one of the methods illustrated in Figures 2 to 7.

#### 1.2 Marking

The following is the minimum data required to be marked on the load cell:

| Manufacturer's name or mark<br>Model number<br>Serial number<br>Maximum rated capacity<br>Approval number | CSP_M-25_A<br><br>25 t<br>NSC No S133 |
|---|---------------------------------------|
| TABLE 1   |                                       |
| Type: Molenschot CSP-M-25-A   |                                       |
| Maximum capacity  | 25 t                                  |
| Maximum number of verification scale intervals  | 3000                                  |
| Minimum dead load   | 0.53 t                                |
| Minimum value of verification<br>scale interval   | 1.1 kg                                |
| Input impedance (nominal)   | <b>450</b> Ω                          |
| Supply voltage (AC or DC)   | 10 to 25 V                            |
| Output rating (nominal)   | 2 mV/V                                |
| Cable length (±0.1 m)   | 20 m                                  |
| Number of leads   | 4*                                    |
|   |                                       |

\*There is also a shield cable.

2. Description of Variant 1

The load cell in an "explosion-proof" construction and known as a model CSP-M-25-EEx,



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Submittor: Jan Molenschot & Zoon bv Teteringsedijk 53 4817 MA Breda, Holland.

### 1. Description of Pattern

The pattern is a Molenschot model CSP-M-25-A load cell of 25 t capacity (see Figure 1 and Table 1) assembled in a Commission-approved basework.

### 1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and as shown in one of the methods illustrated in Figures 2 to 7 inclusive.

### 1.2 Marking

The following is the minimum data required to be marked on the load cell:

| Manufacturer's name or mark |                       |
|-----------------------------|-----------------------|
| Model number                | CSP_M_25_A            |
| Serial number               |                       |
| Maximum rated capacity      | • • • • • • • • • • • |

### TABLE 1

| Туре  | CSP_M_25_A    |
|---|---------------|
| Capacity  | 25 t          |
| Maximum number of Verification<br>Scale Intervals | 3000          |
| Minimum Dead Load                                 | 1 <b>.6</b> t |
| Minimum Value of Verification<br>Scale Interval   | 2 kg          |
| Maximum Capacity                                  | 25 t          |
| Cable Length (±0.1 m)                             | 20 m          |

### 2. Description of Variant

2.1 Variant 1

The load cell in an "explosion-proof" construction and known as a model CSP-M-25-EEx.



## NOTIFICATION OF CHANGE

# SUPPLEMENTARY CERTIFICATE OF APPROVAL No S133

# CHANGE No 1

The following change is made to the approval documentation for the

Molenschot Model CSP-M-25-A Load Cell

submitted by Jan Molenschot and Zoon by Teteringsedijk 53 4817 MA Breda, Holland.

Certificate of Approval No S133 dated 31/8/82 and its Technical Schedule are replaced by the attached documentation (in which paragraph <u>1.2</u> Marking and Table 1 of the Technical Schedule have been amended) and may be destroyed.

Figures 1 to 7 dated 31/8/82 should be retained.

Note: Refer to the Filing Advice in the attached Certificate.

Signed

Executive Director

FIGURE 5133 - 1



Molenschot Model CSP\_M-25-A Lood Cell







Alternate Methods Of Mounting



Alternate Methods Of Mounting



Alternate Methods Of Mounting



Alternate Methods Of Mounting