



# CANCELLED

## NATIONAL STANDARDS COMMISSION

### WEIGHTS & MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

#### REGULATION 9

#### SUPPLEMENTARY CERTIFICATE OF APPROVAL No S139

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

EFM Model SB375 Load Cell Of 275 kg Capacity

submitted by Electric Force Measurement  
78 River Street  
South Yarra, Vic, 3141

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

The approval of the pattern is subject to review on or after 1/11/87.

Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S139 in addition to the approval number of the instrument.

Relevant drawings and specifications are lodged with the Commission.

#### Conditions of Approval

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

Signed

Executive Director

#### Descriptive Advice

Pattern: approved 15/10/82

- EFM model SB375 load cell of 275 kg capacity with a maximum of 1000 scale intervals.

Technical Schedule No S139 dated 5/11/82 describes the pattern.

#### Filing Advice

The documentation for this approval consists of:

Certificate of Approval No S139 dated 5/11/82  
Technical Schedule No S139 dated 5/11/82 (including Table 1)  
Figures 1 and 2 dated 5/11/82.

5/11/82



# NATIONAL STANDARDS COMMISSION

## TECHNICAL SCHEDULE No S139

Pattern: EFM Model SB375 Load Cell Of 275 kg Capacity

Submittor: Electric Force Measurement  
78 River Street  
South Yarra, Vic, 3141.

### 1. Description of Pattern

The pattern is an EFM model SB375 load cell of 275 kg capacity (Figure 1 and Table 1) assembled in a Commission-approved weighing instrument, and having a maximum of 1000 scale intervals.

#### 1.1 Method of mounting

Mounting is to be in accordance with Figure 2.

The load cell cable is to be terminated in a sealed junction box.

#### 1.2 Marking

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

Manufacturer's name or mark	EFM
Model number	SB375
Serial number	.....
Maximum rated capacity	275 kg

Table 1

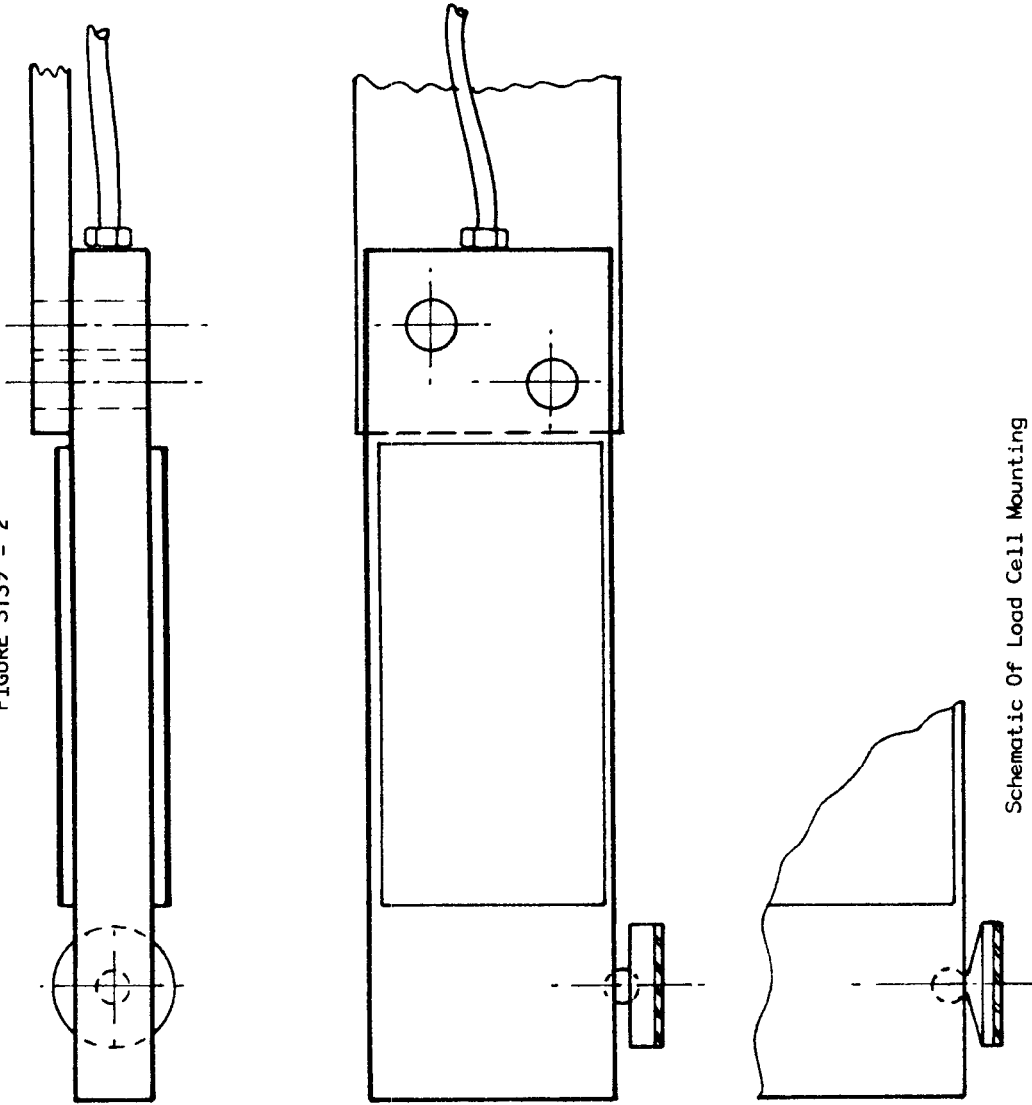
Type	EFM SB375
Maximum capacity	275 kg
Maximum number of verification scale intervals	1000
Minimum dead load	12 kg
Minimum verification scale interval	0.1 kg
Cable length not less than	3 m $\pm$ 0.1 m

FIGURE S139 - 1



EFM Model SB375 Load Cell

FIGURE S139 - 2



Schematic Of Load Cell Mounting