



# NATIONAL STANDARDS COMMISSION

## WEIGHTS AND MEASURES (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

#### SUPPLEMENTARY CERTIFICATE OF APPROVAL No S164

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

Ramsey/Revere Model USP-0.5-S1119 Load Cell of 227 kg Capacity

submitted by Ramsey Engineering Pty Ltd  
20 Box Road  
Taren Point NSW 2229

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

The approval is subject to review on or after 1/2/89.

Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S164 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The approval may be withdrawn if load cells are used other than as described in the drawings and specifications lodged with the Commission.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

Executive Director

#### Descriptive Advice

Pattern: approved 9/1/84

. Ramsey/Revere model USP-0.5-S1119 load cell of 227 kg capacity.

Technical Schedule No S164 dated 15/2/84 describes the pattern.

#### Filing Advice

The documentation for this approval comprises:

Certificate of Approval No S164 dated 15/2/84  
Technical Schedule No S164 dated 15/2/84  
Figure 1 dated 15/2/84.



# NATIONAL STANDARDS COMMISSION

## TECHNICAL SCHEDULE No S164

Pattern: Ramsey/Revere Model USP-0.5-S1119 Load Cell of 227 kg Capacity

Submitter: Ramsey Engineering Pty Ltd  
20 Box Road  
Taren Point NSW 2229.

### 1. Description of Pattern

The pattern is a Ramsey/Revere model USP-0.5-S1119 load cell of 227 kg capacity (see Figure 1 and Table 1).

#### 1.1 Method of Mounting

Mounting is to be in accordance with the manufacturer's instructions and as shown in Figure 1.

#### 1.2 Marking

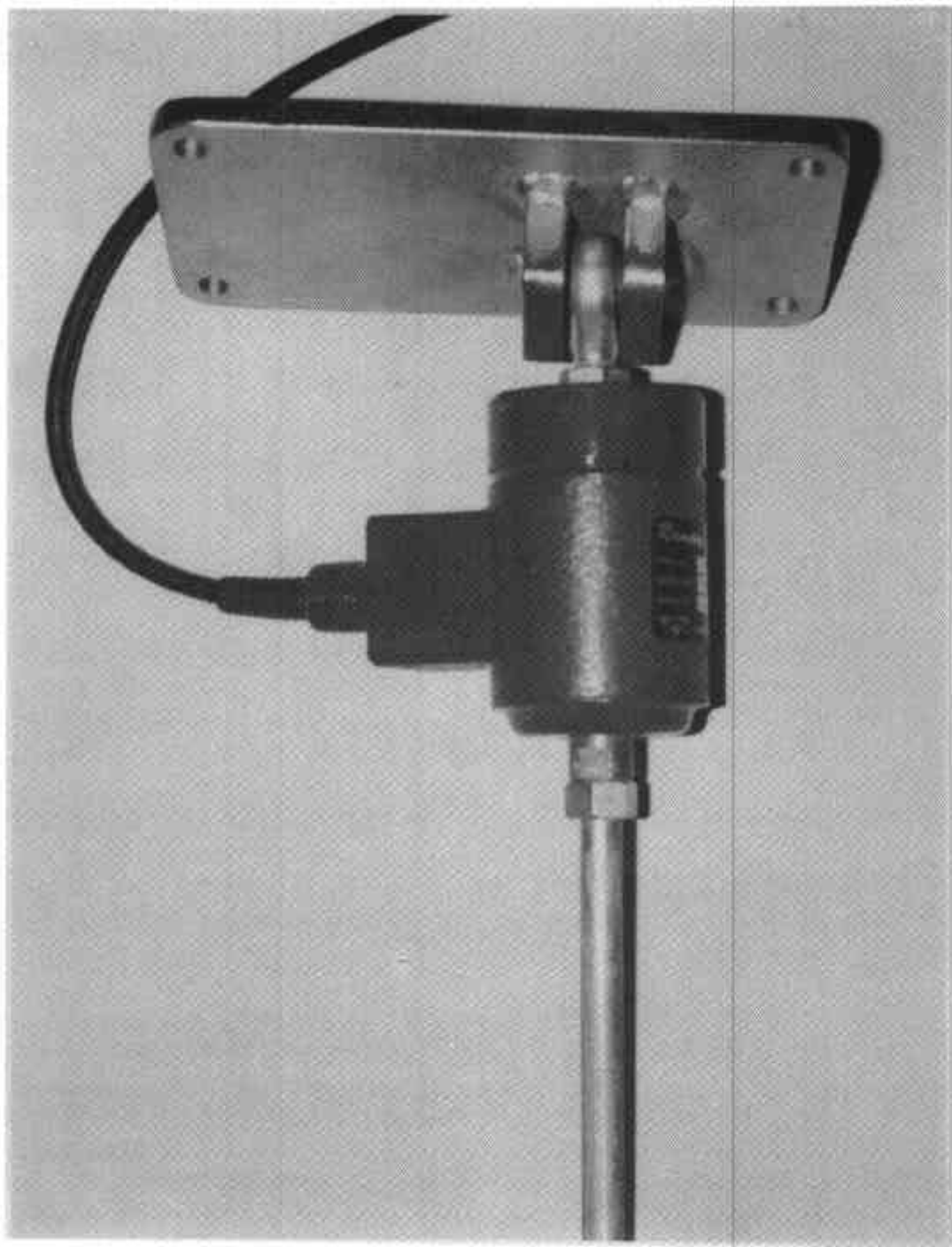
The following is the minimum data required to be marked on the load cell:

Manufacturer's name or mark	
Model number	
Serial number	
Maximum rated capacity	
Approval number	NSC No S164

TABLE 1

Type: Ramsey/Revere	USP-0.5-S1119
Maximum capacity	227 kg
Maximum number of verification scale intervals	1000
Minimum dead load	10 kg
Minimum value of verification scale interval	0.02 kg
Input impedance (nominal)	350 $\Omega$
Supply voltage (AC or DC)	10 to 15 V
Output rating (nominal)	3 mV/V
Cable length ( $\pm 0.5$ m)	8 m
Number of leads	5

FIGURE S164 - 1



Ramsey/Revere Load Cell