



CANCELLED

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31-12-90

S175
9/7/85

NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S175

This is to certify that an approval has been granted that the pattern of the
Interface Model SSM-AJ-500 Load Cell

submitted by Gedge Systems
64-66 River Street
South Yarra VIC 3141

is suitable for use for trade.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/7/89.

Instruments incorporating a load cell purporting to comply with this approval shall be marked NSC No S175 in addition to the approval number of the instrument.

This approval may be withdrawn if load cells are constructed and used other than as described in the drawings and specifications lodged with the Commission.

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.

The load cells used shall be subject to regular certification by the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 7/6/84

. Interface model SSM-AJ-500 load cell of 227 kg capacity.

Technical Schedule No S175 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No S175 dated 9/7/85
Technical Schedule No S175 dated 9/7/85
Figure 1 dated 9/7/85



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S175

Pattern: Interface Model SSM-AJ-500 Load Cell

Submittor: Gedge Systems
64-66 River Street
South Yarra VIC 3141

1. Description of Pattern

The pattern is an Interface model SSM-AJ-500 load cell of 227 kg 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 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 capacity
Approval number

NSC No S175

* This may or may not include "-AJ-".

TABLE 1

Type: Interface	SSM-AJ-500
Maximum capacity	227 kg
Maximum number of verification scale intervals	2000
Minimum dead load	11.5 kg
Minimum value of verification scale interval	0.05 kg
Input impedance (nominal)	350 Ω
Supply voltage	10 V DC
Output rating (nominal)	3.2 mV/V
Cable length (± 0.1 m)	3 m
Number of leads	4 plus shield

FIGURE S175 - 1



Interface Model SSM-500 Load Cell