



# NATIONAL STANDARDS COMMISSION

G.H.  
6B/207  
6/3/89

## NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

#### CONVERSION CERTIFICATE OF APPROVAL No 6B/207

This is to certify that an approval for use for trade has been granted in respect of the pattern of the

Avery Model 5106 (Converted) Weighing Instrument

submitted by Newcastle Weighing Services Pty Ltd  
12 Annie Street  
Wickham NSW 2293.

#### CONDITIONS OF APPROVAL

##### General:

This approval is subject to review on or after 1/1/94.

Instruments purporting to comply with this approval shall be marked NSC No 6B/207.

This approval may be withdrawn if instruments are constructed other than as described in the drawings and specifications lodged with the Commission.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to the instrument shall be within the limits specified in any approval documentation for the components, where they are approved separately.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0.

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

##### Special:

Instruments shall not be manufactured using this approval. Instruments shall only be converted or modified as described herein or with substitute load cells and/or indicator in accordance with General Certificate No 6B/0 for Weighing Instruments for Static Loads of Not Less Than 1500 kg.

Signed

Executive Director

#### Descriptive Advice

Pattern: approved 16/12/88

- A converted Avery model 5106 weighing instrument of 60 000 kg maximum capacity with a verification scale interval of 20 kg. The pattern has been converted to a lever/load cell weighing instrument and now uses two Toledo model 0725 load cells of 907 kg capacity (as described in the documentation of NSC approval No S172) located at the same load support point and a Toledo model 8132 digital indicator (as described in the documentation of NSC approval No S102).

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Variants: approved 16/12/88

1. With the basework of any other Commission-approved mechanical or lever/load cell weighing instrument converted in accordance with General Certificate No 6B/0. (refer Special Conditions of Approval)
2. With the digital indicator of any Commission-approved full load cell weighing instrument replaced by another Commission-approved digital indicator.

### TEST PROCEDURE

Instruments should be tested in conjunction with any tests specified in the approval documentation for the indicator used, and in accordance with any relevant tests specified in the Inspector's Handbook.

The results shall not exceed the maximum permissible errors specified in Document 118, 2nd Edition, October 1986.

### Filing Advice

The documentation for this approval comprises only this Certificate.