6B/219
11 January 2002

National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation

Certificate of Approval

No 6B/219

Issued under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that the approval for use for trade granted in respect of the

Avery Model 5109 ABH (Converted) Weighing Instrument

submitted by GEC Avery Australia Ltd
(now submitted by Avery Berkel International)
now of Foundry lane
Smethwick
West Midlands B66 2LP
UK

has been cancelled in respect of new instruments as from 1 February 2002.

Signed by a person authorised under Regulation 60 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.

National Standards Commission

Conversion

Certificate of Approval

No 6B/219

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

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

Avery Model 5109 ABH (Converted) Weighing Instrument

submitted by GEC Avery Australia Ltd
12 Rachael Close
Silverwater NSW 2141.

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

..../2

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/4/97.

Instruments purporting to comply with this approval shall be marked NSC No 6B/219 and only by persons authorised by the submittor.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the Commission and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with the Commission's Document 106.

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

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

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

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, and in other capacities, in accordance with General Certificate No 6B/0.

DESCRIPTIVE ADVICE

Pattern: approved 28/3/92

- A converted Avery model 5109 ABH 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 a GEC Avery model 8708 load cell of 1500 kg capacity (as described in the documentation of NSC approval No S176A) and a GEC Avery model L105 digital indicator (as described in the documentation of NSC approval No S247).

..../3

Variants: approved 28/3/92

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.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads, expressed in terms of verification scale interval (e), with the instrument adjusted to zero within ±0.25e at no load, are:

±0.5e for loads from 0 to 500e;
±1.0e for loads over 500e up to 2000e; and
±1.5e for loads over 2000e.

FILING ADVICE

The documentation for this approval comprises only this Certificate.