



Australian Government

**National Measurement
Institute**

Bradfield Road, West Lindfield NSW 2070

Notification of Change
Conversion Certificate of Approval No 6B/233
Change No 2

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

The following changes are made to the approval documentation for the
Griffith Elder Model GEM 60/18.5 (Converted) Weighing Instrument

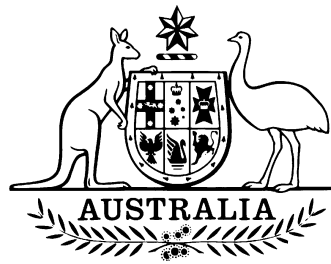
submitted by Gendio Pty Ltd
 (formerly Griffith Elder (Aust))
 19 Henty Highway
 BEULAH VIC 3395.

In Conversion Certificate of Approval No 6B/233 dated 22 February 2001;

1. The reference to the name of the submitter should be amended to read:
 “Gendio Pty Ltd
 (formerly Griffith Elder (Aust))
2. The Condition of Approval referring to the review of the approval should be amended to read:
 “*This approval becomes subject to review on 1 February **2016**, and then every 5 years thereafter.*”
 Note: The review date was previously amended by Notification of Change No 1 dated 30 April 2001.
3. The FILING ADVICE should be amended by adding the following:
 “*Notification of Change No 1 dated 30 April 2001*
 “*Notification of Change No 2 dated 14 January 2011*”
4. The DESCRIPTIVE ADVICE should be amended by adding the following, after the paragraph describing the pattern:
 “*May also be known as Gendio instruments of the same model.*”

Signed by a person authorised by the Chief Metrologist
to exercise his powers under Regulation 60 of the
National Measurement Regulations 1999.

A handwritten signature in black ink, appearing to be 'M. J. ...', written over a horizontal line.



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Conversion Certificate of Approval

No 6B/233

Issued under Regulation 60
of the
National Measurement Regulations 1999

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

Griffith Elder Model GET 60/18.5 (Converted) Weighing Instrument

submitted by **Griffith Elder (Aust.)**
19 Henty Highway
Beulah VIC 3395.



NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

CONDITIONS OF APPROVAL



This approval becomes subject to review on 1 February 2001, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 6B/233 and only by persons authorised by the submitter.

It is the submitter'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 NSC P 106.

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 22 January 2001

- A converted Griffith Elder model GET 60/18.5 weighing instrument of 60 000 kg maximum capacity with a verification scale interval of 20 kg. The pattern has been converted by replacement of the indicator and now uses six Precision Transducers model HPC load cells of 30 000 kg capacity (as described in the documentation of NSC approval No S318) and a Ranger model 5000 digital indicator (as described in the documentation of NSC approval No S363).



Variants: approved 22 January 2001

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

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 Uniform Test Procedures.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads on initial verification/certification for loads, m , expressed in verification scale intervals, e , are:

- $\pm 0.5e$ for loads $0 \leq m \leq 500$;
- $\pm 1.0e$ for loads $500 < m \leq 2\,000$; and
- $\pm 1.5e$ for loads $2\,000 < m \leq 10\,000$.

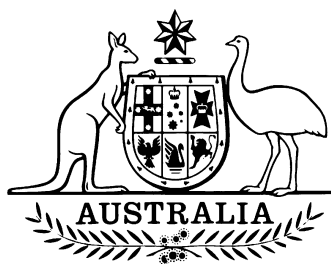
FILING ADVICE

The documentation for this approval comprises only this Certificate.



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.

A handwritten signature in black ink that reads "Jim Bennett". The signature is written in a cursive style with a large initial 'J'.



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Notification of Change

Certificate of Approval No 6B/233

Change No 1

The following change is made to the approval documentation for the

Griffith Elder Model GET 60/18.5 (Converted) Weighing Instrument

submitted by **Griffith Elder (Aust.)**
19 Henty Highway
Beulah VIC 3395.

In Certificate of Approval No 6B/233 dated 22 February 2001;

The Condition of Approval referring to the review of the approval should be amended to read:

“This approval becomes subject to review on 1 February **2006**, and then every 5 years thereafter.”

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.