



Australian Government
**Department of Industry, Science,
Energy and Resources**

**National
Measurement
Institute**

36 Bradfield Road, West Lindfield NSW 2070

**Interim
Provisional
Certificate of Approval
NMI P6/10B/94**

VALID FOR VERIFICATION PURPOSES UNTIL 1 October 2020

Issued by the Chief Metrologist 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 instruments herein described.

Bell Bay Aluminium Model MP001 Weighing Instrument
submitted by Rio Tinto Aluminium (Bell Bay) Limited
trading as Bell Bay Aluminium
Bell Bay Road
Bell Bay TAS 7253.

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.

This approval has been granted with reference to document NMI R 76, *Non-automatic weighing instruments, Parts 1 and 2*, dated July 2004.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern provisionally approved – interim certificate issued	03/07/20

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI P6/10B/94' 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 National Measurement Institute (NMI) 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 document NMI P 106.

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

This approval shall NOT be used in conjunction with General Certificate No 6B/0.

Special Conditions of Approval: (Provisional Approval)

This approval is limited to 1 (one) instrument only, located at:

Bell Bay Aluminium
Bell Bay Road
Bell Bay TAS 7253

The instruments purporting to comply with this approval shall be marked with approval number 'NMI P6/10B/94' and only by persons authorised by the submitter. (Note: The 'P' in the approval number may be a temporary marking.)

The approval will remain provisional pending completion of satisfactory testing and evaluation.

In the event of unsatisfactory performance the approval may be cancelled (or altered).

The submitter shall implement such modifications as required by NMI. In the event that such modifications (if any are required by NMI) are not made to the satisfaction of NMI, this approval may be withdrawn.

1. Description of Pattern **provisionally approved on 03/07/20**

A Bell Bay Aluminium model MP001 class  non-automatic self-indicating weighing instrument of 50 000 kg maximum capacity with a verification scale interval of 20 kg. The minimum capacity is 400 kg.

Instruments used with more than 3000 verification scale intervals shall be provided with wind protection in accordance with clause **4. Wind Effects** of General Certificate of Approval No 6B/0.

The model MP001 basework has the platform fully supported by 4 load cells. The dimensions of the platform are 8 x 4 m (nominal).

Four Mettler Toledo model SLC820 C3 digital load cells of 30 000 kg capacity are used. The load cells are also described in the documentation of approval NMI S529.

A Mettler Toledo model IND560 digital indicator is used. The indicator is also described in the documentation of approval NMI S483.

Where the instrument is intended to be installed as a weighbridge, it shall be ensured that all relevant weighbridge requirements of the National Measurement Legislation are met (e.g. in relation to weighbridge approaches, visibility and the location of the weighbridge indicator and platform).

This approval does not certify that such requirements have (or can be) met.

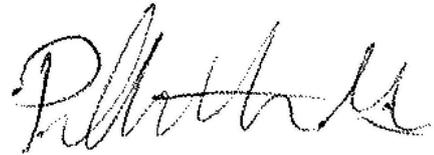
The requirements of the National Measurement Legislation regarding the ground or floor under the platform vary according to whether the instrument is installed as a weighbridge without a pit or a weighbridge with a pit. However, bolting of the load cell support pads to suitable concrete piers is considered essential to provide a suitable stable base, irrespective of other aspects of instrument installation.

Note that it is important that suitable provision be made for the loading of test masses. For example, clear access for a forklift may be necessary at both sides of the platform.

TEST PROCEDURE No P6/10B/94

Instruments shall be tested in accordance with any relevant tests for this category of instrument.

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



Phillip Mitchell
A/g Manager
Policy and Regulatory
Services

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