



**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 P6/9C/321**

**VALID FOR VERIFICATION PURPOSES UNTIL 31 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 MP002 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 October 2015.

**DOCUMENT HISTORY**

<b>Rev</b>	<b>Reason/Details</b>	<b>Date</b>
0	Pattern provisionally approved – interim certificate issued	16/07/20

## CONDITIONS OF APPROVAL

### General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI P6/9C/321' and only by persons authorised by the submitter. (Note: The 'P' in the approval number may be a temporary marking.)

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 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 16/07/20**

A Bell Bay Aluminium model MP002 class  non-automatic self-indicating weighing instrument intended for weighing slabs of aluminum, approved for use with a maximum capacity of 2000 kg, minimum capacity of 20 kg and a verification scale interval of 1 kg.

A Mettler Toledo model IND570 digital indicator is used. The indicator is also described in the documentation of approval NMI S727.

The instrument uses four Precision Transducers model PSB 1000-C3 load cells of 1000 kg capacity. The load cells are also described in the documentation of approval NMI S338.

A weigh bar construction having pairs of load cells mounted on the columns which are mounted under each end of the load receptor. The load receptors are mounted on a carriage which can move vertically to load a slab of aluminum onto bars which form the weighing platform.

Notes:

1. As the instrument does not have provision for levelling so shall be installed in a fixed location.

2. The weigh bars shall not be verified individually.
3. The weigh bars shall not be verified without a load platform, i.e. instruments shall only be verified as complete instruments.

The instrument may be fitted with output sockets (output interfacing capability) for the connection of peripheral and/or auxiliary devices. In particular the instrument is connected to two printing machines for the printing of weight value (and other information) and applying this to the slab.

#### TEST PROCEDURE No P6/9C/321

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

#### **Maximum Permissible Errors**

The maximum permissible errors are specified in Schedule 1 of the *National Trade Measurement Regulations 2009*.

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



**Darryl Hines**  
Manager  
Policy and Regulatory  
Services

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