Australian Government
Department of Industry, Science and Resources

National Measurement Institute

36 Bradfield Road, West Lindfield NSW 2070

Conversion Certificate of Approval

NMI 6B/234

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.

Howe Richardson Model G-J (Converted) Weighing Instrument

submitted by S.R.O. Technology Pty. Limited
Unit 14, 70 Holbeche Road
Arndell Park NSW 2148

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 is subject to review at the decision of the Chief Metrologist in accordance with the conditions specified in the document NMI P 106.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern & variants 1 and 2 approved – certificate issued	30/04/01
1	Pattern & variants 1 and 2 reviewed – notification of change issued	17/08/07
2	Pattern & variants 1 and 2 amended (submittor name and updates) – certificate issued	08/03/23

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI 6B/234' 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 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.

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.

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 of Approval No 6B/0.

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

1. Description of Pattern **approved on 30/04/01**
amended on 08/03/23

A converted Howe Richardson model G-J weighing instrument of 30 000 kg maximum capacity with a verification scale interval of 20 kg. The pattern has been converted by replacement of the load cell and indicator, and now uses a Precision Transducers model LS250 load cell of 250 kg capacity (as described in the documentation of NMI (NSC) approval No S342) and a Ranger model 5000 digital indicator (as described in the documentation of NMI (NSC) approval No S363).

2. Description of Variant 1 **approved on 30/04/01**
amended on 08/03/23

With the basework of any approved mechanical or lever/load cell weighing instrument converted in accordance with General Certificate of Approval No 6B/0 (refer to Special Condition of Approval).

3. Description of Variant 2 **approved on 30/04/01**
amended on 08/03/23

With the indicator of any approved full load cell weighing instrument replaced by another approved digital indicator in accordance with General Certificate of Approval No 6B/0 (refer to the Special Condition of Approval) and Certificate of Approval of the instrument converted or modified.

TEST PROCEDURE No 6B/234

Instruments shall be tested in accordance with any relevant tests specified in the National Instrument Test Procedures.

Maximum Permissible Errors

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