Australian Government

National Measurement Institute

Bradfield Road, West Lindfield NSW 2070

Certificate of Approval
No 14/2/177

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.

PDI Model BCMS PLUS Class 1 Electricity Meter

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 does NOT permit the verification of new instruments. It does not become subject to review.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern approved – certificate issued	18/11/14

CONDITIONS OF APPROVAL

General

This approval applies only to existing instruments in the field or held in stock.

Instruments may be relocated and reinstalled but shall not be altered in any way other than to replace damaged components with equivalent components.

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

Dr A Rawlinson

TECHNICAL SCHEDULE No 14/2/177

1. Description of Pattern   approved on 18/11/14

A PDI model BCMS PLUS polyphase class 1 current transformer (CT) operated static watt hour meter used to measure electrical energy.

1.1 Field of Operation

The field of operation of the measuring system is determined by the following characteristics: (refer also to separate NMI document '14/2/177 Appendix 1 PDI – All Models')

- Number of phases   3
- Number of wires   4
- Reference frequency   50 Hz
  - Reference voltage   3×230/400 V AC
- Reference currents: Basic current, I_n Various
                         Maximum current, I_{max} 16, 32 or 63 A
- Accuracy Class   1

1.2 Markings

- Meter constant   Adjustable

1.3 Verification Provision

Provision is made for the application of a verification mark.

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