

MATERIAL SPECIFICATION

VOCAB NUMBER	ITEM DESCRIPTION
151013A	METER, KWH 4 WIRE 5A -200/5 C.T. CYCLOMETER DIAL 3 X 240 VOLTS, "EXTENDED RANGE ONLY" METERS ENGRAVED WITH "PPL" PROPERTY PLATE SERIALLY NUMBERED.

SPECIFICATION DETAILS

1. STANDARDS:

1.1. The meter shall comply with the relevant requirements of Australian Standard Specification for "Electricity Meters", AS 12484 Part 1-3 as amended or the equivalent PNG Standards as adopted.

2. ELECTRICAL PROPERTIES:

2.1. **Current:** The rated basic current shall be 200/5 amperes. Extended range current transformers type S with a secondary current range of 2.5 -15 amperes.

2.2. **Accuracy:** It shall be class 2.0 accuracy.

2.3. **Voltage:** The voltage shall be suitable for use on a 240/415 Volt 50 Hertz system.

- **Unit of Measure:** Each
- **Rejection:** PNG Power Ltd reserves all rights to reject whole or part of the order not complying with this specification and is not liable for any cost or loss with the return of rejects to the Supplier. Facilitation of Invoice Credit must commence between the supplier and PNG Power Ltd through the process of PNG Power Ltd Discrepancy Report provisions.

Drawing References: N/A

Manufacturer's Product Code:

ENGINEERING STANDARDS APPROVAL

Approval by: Grevasius Peni
Chairman

Signature: 

Date: 9 / 8 / 19

DATA REVIEW ENDORSEMENT

NAME	TITLE	SIGNATURE	DATE
Rawali Rawali	Engineer - Standards & Materials		09/08/19

SPECIFICATION DETAILS FOR VOCAB 151013A**3. FITTING:**

3.1 They shall be fitted with cyclometer drum type registers that are capable of being easily re-zeroed. The gearing of the register shall be made of material that shall not warp or bend in temperatures that may exist in meter locations in Papua New Guinea.

4. METHOD OF CONNECTION:

4.1. The meter shall be fitted with an extended terminal cover.

5. MARKING:

5.1. It shall have printed name plate as "Property of PNG Power Limited" and engraved or stamped with as "PPL" Number supplied by PNG Power on the Official Order.

5.2. All meters offered should have direct reading registers, but if a Multiplying factor is used for a specified C.T. Current range, then the factor must be prominently and permanently fixed adjacent to the meter register, and the appropriate current range engraved or stamped on the property plate.

6. REJECTION:

6.1. Should 5% or more of any one consignment to be found defective, PNG Power reserves the right to reject the whole consignment.

7. SAMPLE:

7.1. Samples shall be made available to PNG Power for Inspection prior to the Tender closing date.