

# Certificate of Calibration

HEME International Ltd

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**Certificate No:**

**CW04277**

**Date of Calibration**

**24/06/2026**

**Approved By :**

**CALLUM WINTER**

**Customer Information :**

**RIS SERVICES**

## Tested Instrument Information :

**Instrument Type:** PORTABLE APPLIANCE TESTER

**Model No.:** SMARTPAT

**Manufacturer:** KEWTECH

**Serial No.:** E0128706

**Asset No.:**

**Work Description :**

## Traceability Information :

**Environmental :** TEMPERATURE 20C +/- 3C RELATIVE HUMIDITY 50% +/- 20%

### Test Equipments :

| Test Equipment Type      | Manufacturer | Model No. | Serial No. |
|--------------------------|--------------|-----------|------------|
| MULTIFUNCTION CALIBRATOR | TRANSMILLE   | 3200B     | M1569121   |

### Uncertainties :

|                |                                                                    |
|----------------|--------------------------------------------------------------------|
| AC VOLTAGE     | 0-1000 V: 0.02% +/- 1 DIGIT                                        |
| DC VOLTAGE     | 0-1000 V: 0.05% +/- 1 DIGIT                                        |
| RESISTANCE     | 0-10 MOHMS: 0.005% +/- 1 DIGIT 10 MOHMS TO 1 GOHM 0.5% +/- 1 DIGIT |
| LOOP IMPEDANCE | 1% +/- 1 DIGIT                                                     |
| RCD TIME       | 1 MS                                                               |
| RCD CURRENT    | 1.5%                                                               |

Instrument tested to manufacturers specification and EN61557 where applicable

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This certificate complies with the requirements of BS EN ISO 10012:2003

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| TEST                                | APPLIED VALUE | READING | PASS / FAIL |
|-------------------------------------|---------------|---------|-------------|
| EARTH BOND $\Omega$ (Low Current)   |               |         |             |
|                                     | 0.1079        | 0.10    | PASS        |
|                                     | 0.5512        | 0.56    | PASS        |
|                                     | 1.0209        | 1.03    | PASS        |
| INSULATION VOLTAGE (V)              | 500           | 538     | PASS        |
| INSULATION RESISTANCE (M $\Omega$ ) | 2.00          | 1.99    | PASS        |
|                                     | 5.00          | 4.96    | PASS        |
| LEAKAGE TEST (mA)                   | 2.00          | 1.92    | PASS        |

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