# CERTIFICATE OF CALIBRATION

**Issued By** Associated Calibration & Training Ltd

**Date of Issue** 01 June 2026

Certificate Number
ACTA6437



**Associated Calibration & Training Ltd**
**Unit 12, North Staffs Business Park**
**Stoke-on-Trent**
**ST6 4BF**
**Tel: 01782 827018**

Approved Signatory

☐ R.D Allen ☐ Ehsan ☐ A. J Corbishley ☐ C.J.A Anderson ☐ P.G Casey

**Customer :** Emma Louise Jones
4 Lime Grove, Oswestry
Shropshire SY11 2QE

Date Received : 01 June 2026

**Instrument :**

| | | | |
|---|---|---|---|
| System ID : | ID17643 | Job Number : | S78904-1 |
| Description : | Portable Appliance Tester | | |
| Manufacturer : | Seaward | Site : | |
| Model Number : | PT100 | Location : | |
| Serial Number : | 18K-0065 | Last Calibration Certificate : | ACT89512 |
| Procedure Version : | 3112 3.00 | Last Calibration Date : | 23/04/2025 |

**Environmental Conditions**

| | | | |
|---|---|---|---|
| Temperature : | 20°C +/- 3°C | Mains Voltage : | 240V +/- 10V |
| Relative Humidity : | 50% +/- 15% | Mains Frequency : | 50Hz +/- 1Hz |

**Comments**

The Instrument was allowed to stabilise before calibration.

**Traceability Information**

| *Instrument description* | *Serial number* | *Certificate number* | *Cal. Date* | *Cal. Period* |
|---|---|---|---|---|
| 3200A Electrical Test Calibrator (STD) | M1405B16 | UKAS56747 | 06/03/2026 | 52 |

**Calibrated By :** A.J Corbishley **Date of Calibration :** 01 June 2026

This certificate provides traceability of measurement to recognised National Standards, and to the units of measurement realised at the National Physical Laboratory or other recognised National Standards laboratories.
Copyright of this certificate is owned by the issuing laboratory and may not be reproduced except with the prior written approval of the issuing laboratory.
This certificate complies with the requirements of BS EN ISO 10012:2003.

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| Test Title | Tolerance +/- | Applied Value | Reading | Pass/Fail |
|---|---|---|---|---|
| **General Operation** | | | | |
| Display | --- | --- | Pass | |
| Controls | --- | --- | Pass | |
| **Class One** | | | | |
| ***Pass 1*** | | | | |
| Linearity | 25mΩ | 0.10Ω | 0.09Ω | Pass |
| 1MΩ | 70kΩ | 1.00MΩ | 0.99MΩ | Pass |
| 0.23mA | 43uA | 0.230mA | 0.230mA | Pass |
| ***Pass 2*** | | | | |
| Linearity | 26mΩ | 0.12Ω | 0.12Ω | Pass |
| 2MΩ | 120kΩ | 2.00MΩ | 2.02MΩ | Pass |
| 0.12mA | 32uA | 0.120mA | 0.120mA | Pass |
| ***Pass 3*** | | | | |
| Linearity | 50.5mΩ | 0.61Ω | 0.61Ω | Pass |
| 5MΩ | 270kΩ | 5.00MΩ | 5.00MΩ | Pass |
| **Class Two** | | | | |
| ***Pass 1*** | | | | |
| 2MΩ | 120kΩ | 2.00MΩ | 1.97MΩ | Pass |
| 0.12mA | 32uA | 0.120mA | 0.110mA | Pass |
| ***Test 2*** | | | | |
| 10MΩ | 520kΩ | 10.00MΩ | 10.00MΩ | Pass |
| **Extension Lead Test** | | | | |
| Polarity Test | --- | --- | Pass | |
| ***End of results*** | | | | |

## Uncertainties

| | |
|---|---|
| Bond Current | 0 to 30 Amps: 1.5% + 6counts. |
| Earth Bond Ohms | 0.5% + 4mohms |
| Insulation Ohms | 10kohms to 5Mohms: 0.1%, 5Mohms to 10Gohms: 1% +/- 1 Digit. |
| PAT Leakage | 1.5% + 0.3mA |