



# CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-010

Device Name: Cryo-Temp

Serial Number: S94397

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Madgetech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

## Cryo-Temp

### Published Device Specifications

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$

Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$

Resolution:  $0.1^{\circ}\text{C}$

Calibrated using Madgetech WI No: 320409

### - Temperature -

Serial Number: S94397

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                    |
|------------------|-------------------|----------------|---------------------|-------------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor $k = 2$ |
| -                | -79.910           | -79.9          | 0.010               | 0.067                                                                   |
| -                | 24.90             | 24.9           | 0.00                | 0.32                                                                    |

### Applied Correction Values

Gain: 1.0079699

Offset:  $0.11^{\circ}\text{C}$

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-010  
Due date

Certificate Page: 1 of 2

Certificate Number NC-24-06-28-010

QMS Form No. 421000 Rev 23

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-06-28

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The instrument identified was calibrated as a direct comparison to the reference standards listed which are traceable to the International System of Units (SI) through NIST or other National Metrology Institute and did not involve any sampling. Results reported on this certificate relate only to the serial number referenced at the time of calibration and do not imply certification of the device, process, system or technician by ANAB, NIST or any other federal agency. No allowance has been made for the stability of the device due to use, time, or wear. Such allowances would be made by the user. This certificate may not be reproduced, except in full, without written approval by MadgeTech, Inc.

MadgeTech, Inc. Calibration laboratory located at 6 Warner Road Warner, NH 03278 603-456-2011



# CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-002

Device Name: Cryo-Temp  
Serial Number: S94426

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

MadgeTech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

## Cryo-Temp

## - Temperature -

Serial Number: S94426

### Published Device Specifications

Calibrated using MadgeTech WI No: 320409

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$   
Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$   
Resolution:  $0.1^{\circ}\text{C}$

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                  |
|------------------|-------------------|----------------|---------------------|-----------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor k = 2 |
|                  | -79.905           | -79.9          | 0.005               | 0.067                                                                 |
|                  | 24.94             | 24.9           | -0.04               | 0.32                                                                  |

### Applied Correction Values

Gain: 1.0068082  
Offset:  $-0.04^{\circ}\text{C}$

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-002  
Due date

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Stone*

Date:

2024-06-28

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MadgeTech, Inc. Calibration laboratory located at 6 Warner Road Warner, NH 03278 603-456-2011

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Certificate Page: 2 of 2

Certificate Number NC-24-06-28-002

QMS Form No. 421000 Rev 23



CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-009

Device Name: Cryo-Temp  
Serial Number: S94415

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

Madgetech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

Cryo-Temp

- Temperature -

Serial Number: S94415

Published Device Specifications

Calibrated using Madgetech WI No: 320409

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$   
Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$

Resolution:  $0.1^{\circ}\text{C}$

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                  |
|------------------|-------------------|----------------|---------------------|-----------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor k = 2 |
| -                | -79.910           | -79.9          | 0.010               | 0.067                                                                 |
| -                | 24.90             | 24.9           | 0.00                | 0.32                                                                  |

Applied Correction Values

Gain: 1.0074036  
Offset:  $-0.03^{\circ}\text{C}$

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-009  
Due date

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-06-28

---

MadgeTech, Inc. Calibration laboratory located at 6 Warner Road Warner, NH 03278 603-456-2011

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Certificate Page: 2 of 2

Certificate Number NC-24-06-28-009

QMS Form No. 421000 Rev 23



# CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-011

Device Name: Cryo-Temp  
Serial Number: S94402

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

MadgeTech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

## Cryo-Temp

## - Temperature -

Serial Number: S94402

### Published Device Specifications

Calibrated using MadgeTech WI No: 320409

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$   
Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$

Resolution:  $0.1^{\circ}\text{C}$

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                  |
|------------------|-------------------|----------------|---------------------|-----------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor k = 2 |
| -                | -79.910           | -79.9          | 0.010               | 0.067                                                                 |
| -                | 24.90             | 24.9           | 0.00                | 0.32                                                                  |

### Applied Correction Values

Gain: 1.0068039  
Offset:  $0.06^{\circ}\text{C}$

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-011  
Due date

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-06-28

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MadgeTech, Inc. Calibration laboratory located at 6 Warner Road Warner, NH 03278 603-456-2011

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Certificate Page: 2 of 2

Certificate Number NC-24-06-28-011

QMS Form No. 421000 Rev 23



# CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-004

Device Name: Cryo-Temp  
Serial Number: S94425

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

Madgetech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

## Cryo-Temp

- Temperature -

Serial Number: S94425

### Published Device Specifications

Calibrated using Madgetech WI No: 320409

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$  Resolution:  $0.1^{\circ}\text{C}$   
Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                  |
|------------------|-------------------|----------------|---------------------|-----------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor k = 2 |
| -                | -79.905           | -79.9          | 0.005               | 0.067                                                                 |
| -                | 24.94             | 24.9           | -0.04               | 0.32                                                                  |

### Applied Correction Values

Gain: 1.0081887  
Offset:  $0.04^{\circ}\text{C}$

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-004  
Due date

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-06-28

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The instrument identified was calibrated as a direct comparison to the reference standards listed which are traceable to the International System of Units (SI) through NIST or other National Metrology Institute and did not involve any sampling. Results reported on this certificate relate only to the serial number referenced at the time of calibration and do not imply certification of the device, process, system or technician by ANAB, NIST or any other federal agency. No allowance has been made for the stability of the device due to use, time, or wear. Such allowances would be made by the user. This certificate may not be reproduced, except in full, without written approval by MadgeTech, Inc.

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# CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-05-10-134

Device Name: Cryo-Temp  
Serial Number: S88470

Calibration laboratory environmental conditions: 18 °C – 25 °C, 20 %RH – 55 %RH  
Calibration Date: 2024-04-26

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

Madgetech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

## Cryo-Temp

## - Temperature -

Serial Number: S88470

### Published Device Specifications

Calibrated using Madgetech WI No: 320409

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$

Resolution:  $0.1^{\circ}\text{C}$

Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                    |
|------------------|-------------------|----------------|---------------------|-------------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor $k = 2$ |
| -                | -79.944           | -79.9          | 0.044               | 0.068                                                                   |
| -                | 25.02             | 25.0           | -0.02               | 0.32                                                                    |

### Applied Correction Values

Gain: 1.0043784  
Offset:  $-0.17^{\circ}\text{C}$

| Reference Equipment        | Serial #        | Certificate #   | Last Calibration Date | Next Calibration Due |
|----------------------------|-----------------|-----------------|-----------------------|----------------------|
| Fluke / Burns 1502A / 3925 | B24068 / 871664 | 2023012947      | 2023-06-06            | 2024-06-06           |
| Vaisala HMP155             | V3430350        | 2023019360-Rev1 | 2023-09-15            | 2024-09-15           |

Last date  
2024-04-26  
NC-24-05-10-134  
Due date

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-05-15

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The instrument identified was calibrated as a direct comparison to the reference standards listed which are traceable to the International System of Units (SI) through NIST or other National Metrology Institute and did not involve any sampling. Results reported on this certificate relate only to the serial number referenced at the time of calibration and do not imply certification of the device, process, system or technician by ANAB, NIST or any other federal agency. No allowance has been made for the stability of the device due to use, time, or wear. Such allowances would be made by the user. This certificate may not be reproduced, except in full, without written approval by MadgeTech, Inc.

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# CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-006

Device Name: Cryo-Temp  
Serial Number: S94429

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

Madgetech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

## Cryo-Temp

- Temperature -

Serial Number: S94429

### Published Device Specifications

Calibrated using Madgetech WI No: 320409

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$   
Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$

Resolution:  $0.1^{\circ}\text{C}$

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                  |
|------------------|-------------------|----------------|---------------------|-----------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor k = 2 |
| -                | -79.905           | -79.9          | 0.005               | 0.067                                                                 |
| -                | 24.94             | 24.9           | -0.04               | 0.32                                                                  |

### Applied Correction Values

Gain: 1.0071839  
Offset:  $0.1^{\circ}\text{C}$

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-006  
Due date

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-06-28

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MadgeTech, Inc. Calibration laboratory located at 6 Warner Road Warner, NH 03278 603-456-2011

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Certificate Page: 2 of 2

Certificate Number NC-24-06-28-006

QMS Form No. 421000 Rev 23



CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-003

Device Name: Cryo-Temp  
Serial Number: S94430

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

Madgetech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

Cryo-Temp - Temperature - Serial Number: S94430

Published Device Specifications Calibrated using Madgetech WI No: 320409

Calibrated Accuracy: ±1.0 °C  
Calibrated Accuracy Range: -86 °C to 35 °C  
Resolution: 0.1 °C

Channel 1 - Units of °C Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                  |
|------------------|-------------------|----------------|---------------------|-----------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor k = 2 |
| -                | -79.905           | -79.9          | 0.005               | 0.067                                                                 |
| -                | 24.94             | 24.9           | -0.04               | 0.32                                                                  |

Applied Correction Values

Gain: 1.0075158  
Offset: -0.03 °C

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-003  
Due date

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-06-28

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MadgeTech, Inc. Calibration laboratory located at 6 Warner Road Warner, NH 03278 603-456-2011

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Certificate Page: 2 of 2

Certificate Number NC-24-06-28-003

QMS Form No. 421000 Rev 23



# CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-005

Device Name: Cryo-Temp  
Serial Number: S94427

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

Madgetech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

## Cryo-Temp

- Temperature -

Serial Number: S94427

### Published Device Specifications

Calibrated using Madgetech WI No: 320409

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$   
Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$

Resolution:  $0.1^{\circ}\text{C}$

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                  |
|------------------|-------------------|----------------|---------------------|-----------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor k = 2 |
| -                | -79.905           | -79.9          | 0.005               | 0.067                                                                 |
| -                | 24.94             | 24.9           | -0.04               | 0.32                                                                  |

### Applied Correction Values

Gain: 1.007111  
Offset:  $0.09^{\circ}\text{C}$

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-005  
Due date

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-06-28

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MadgeTech, Inc. Calibration laboratory located at 6 Warner Road Warner, NH 03278 603-456-2011

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Certificate Page: 2 of 2

Certificate Number NC-24-06-28-005

QMS Form No. 421000 Rev 23



# CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-008

Device Name: Cryo-Temp  
Serial Number: S94403

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

Madgetech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

## Cryo-Temp

## - Temperature -

Serial Number: S94403

### Published Device Specifications

Calibrated using Madgetech WI No: 320409

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$   
Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$

Resolution:  $0.1^{\circ}\text{C}$

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                  |
|------------------|-------------------|----------------|---------------------|-----------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor k = 2 |
| -                | -79.910           | -79.9          | 0.010               | 0.067                                                                 |
| -                | 24.90             | 24.9           | 0.00                | 0.32                                                                  |

### Applied Correction Values

Gain: 1.0078185  
Offset:  $0.03^{\circ}\text{C}$

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-008  
Due date

Calibration Notes:

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-06-28

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MadgeTech, Inc. Calibration laboratory located at 6 Warner Road Warner, NH 03278 603-456-2011

The instrument identified was calibrated as a direct comparison to the reference standards listed which are traceable to the International System of Units (SI) through NIST or other National Metrology Institute and did not involve any sampling. Results reported on this certificate relate only to the serial number referenced at the time of calibration and do not imply certification of the device, process, system or technician by ANAB, NIST or any other Federal agency. No allowance has been made for the stability of the device due to use, time, or wear. Such allowances would be made by the user. This certificate may not be reproduced, except in full, without written approval by MadgeTech, Inc.

Certificate Page: 2 of 2

Certificate Number NC-24-06-28-008

QMS Form No. 421000 Rev 23



CERTIFICATE OF CALIBRATION

ACCREDITED CERTIFICATE NUMBER: NC-24-06-28-007

Device Name: Cryo-Temp  
Serial Number: S94411

Calibration laboratory environmental conditions: 18 °C - 25 °C, 20 %RH - 55 %RH  
Calibration Date: 2024-06-27

Device ID: MultiChannel  
Issued to: Wessex Power Technology Ltd  
Blandford Forum, Dorset DT11 9EX  
United Kingdom

Madgetech Calibration Laboratory uses the shared risk approach as defined in ILAC G8 when making compliance statements

Cryo-Temp

- Temperature -

Serial Number: S94411

Published Device Specifications

Calibrated using Madgetech WI No: 320409

Calibrated Accuracy:  $\pm 1.0^{\circ}\text{C}$   
Calibrated Accuracy Range:  $-86^{\circ}\text{C}$  to  $35^{\circ}\text{C}$   
Resolution:  $0.1^{\circ}\text{C}$

Channel 1 - Units of  $^{\circ}\text{C}$

Expanded Uncertainty is not applied to Device Error

| Temperature      | Standard          | DUT Corrected  | Device Error        | Expanded Uncertainty                                                  |
|------------------|-------------------|----------------|---------------------|-----------------------------------------------------------------------|
| Env. Temperature | Actual Test Point | Device As Left | = Device - Standard | Expressed at approx. 95% confidence level using coverage factor k = 2 |
| -                | -79.910           | -79.9          | 0.010               | 0.067                                                                 |
| -                | 24.90             | 24.9           | 0.00                | 0.32                                                                  |

Applied Correction Values

Gain: 1.006101  
Offset:  $0.01^{\circ}\text{C}$

| Reference Equipment        | Serial #         | Certificate # | Last Calibration Date | Next Calibration Due |
|----------------------------|------------------|---------------|-----------------------|----------------------|
| Fluke / Fluke 1502A / 5615 | B24056 / 4991681 | 2024008897    | 2024-04-17            | 2024-10-17           |
| Vaisala HMP155             | E0450052         | 2024001171    | 2024-02-06            | 2024-08-06           |

Last date  
2024-06-27  
NC-24-06-28-007  
Due date

**Calibration Notes:**

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Calibrated By:

Daniel Woods

Approved By Quality Inspector:

*James Howe*

Date:

2024-06-28

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MadgeTech, Inc. Calibration laboratory located at 6 Warner Road Warner, NH 03278 603-456-2011

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Certificate Page: 2 of 2

Certificate Number NC-24-06-28-007

QMS Form No. 421000 Rev 23