

# CERTIFICATE OF ACCREDITATION

## **GOLDAIR TECHNOLOGIES PRIVATE LIMITED**

*Company Registration No. 8272/2021*

**Facility Accreditation Number: CAL-14 012**

is a SADCAS accredited Calibration Laboratory  
provided that all SADCAS conditions are complied with

This certificate is valid as per the scope stated in the accompanying schedule of accreditation,  
Annexure "A", bearing the above accreditation number for

## **TEMPERATURE METROLOGY**

*The facility is accredited in accordance with the recognized International Standard*

## **ISO/IEC 17025:2017**

*The accreditation demonstrates technical competency for a defined scope and the operation  
of a laboratory quality management system*

*SADCAS is a subsidiarity organization of SADC. A memorandum of understanding between SADC and  
SADCAS serves as the basis for the recognition of SADCAS by SADC Member States  
as a multi-economy accreditation body*

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**Eve Christine Gadzikwa**  
**SADCAS Chief Executive Officer**

**Effective Date (Issue No: 1): 29 August 2025**  
**Certificate Expires: 28 August 2030**

## ANNEXURE A

### SCHEDULE OF ACCREDITATION

#### TEMPERATURE METROLOGY

Laboratory Accreditation Number: **CAL-14 012 (ISO/IEC 17025:2017)**

<p><b><u>Permanent Address of Laboratory</u></b> Goldair Technologies 197 Longcheng Plaza Harare Zimbabwe</p> <p><b><u>Postal Address</u></b> 197 Longcheng Plaza Harare Zimbabwe</p> <p><b><u>Tel</u></b> : +263 24 271 1743 <b><u>Cell</u></b> : +263 77 210 7300 <b><u>Email</u></b> : <a href="mailto:bchibaya@gmail.com">bchibaya@gmail.com</a>; <a href="mailto:admin@goldairtechnologies.co.zw">admin@goldairtechnologies.co.zw</a></p>	<p><b><u>Technical Signatories</u></b> : Mr B Chibaya (All items)</p> <p><b><u>Nominated Representative</u></b> : Mr B Chibaya</p> <p><b><u>Issue No</u></b> : 01 <b><u>Date of Issue</u></b> : 29 August 2025 <b><u>Expiry Date</u></b> : 28 August 2030</p>
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ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	
				At TBS	Onsite
1	Thermocouples	Internal: <i>GAP026</i> Reference: <i>SADCAS TR-26</i>	-30 °C to 150 °C 150 °C to 450 °C 450 °C to 1000 °C	0.5 °C 2.4 °C 2.6 °C	- - -
2	Ice Point	Internal: <i>GAP010</i> MSL Technical Guide 1 Reference: <i>SADCAS TR-26</i>	0 °C	0.05 °C	-
3	Liquid-in-Glass Thermometers	Internal: <i>GAP014</i>  Reference: <i>Calibration of Thermometers, Y C.R. Barber (NPL – UK)</i> <i>SADCAS TR-26</i>	-30 °C to 40 °C	0.7 °C	1.2 °C

Original date of accreditation: 29 August 2025

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The CMC, expressed as an expanded uncertainty of measurement, is stated as the standard uncertainty of measurement multiplied by a coverage factor  $k = 2$ , corresponding to a confidence level of approximately 95%.

## ANNEXURE A

Laboratory Accreditation No: CAL-14 012 (ISO/IEC 17025:2017)

Issue No: 01

Date of Issue: 29 August 2025

Date of Expiry: 28 August 2030

ITEM	MEASURED QUANTITY OR TYPE OF GAUGE OR INSTRUMENT	METHOD	RANGE OF MEASURED QUANTITY	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY ( $\pm$ )	
4	Digital Thermometer - RTD & Thermistor based	Internal: <i>GAP012</i> Reference: EURAMET cg-11; <i>SADCAS TR-26</i>	-80 °C to 150 °C	0.4 °C	0.5 °C
5.	Digital Thermometer – Thermocouple based	Internal: <i>GAP012</i> Reference: EURAMET cg-11; <i>SADCAS TR-26</i>	-80 °C to 150 °C	0.5 °C	0.6 °C
6	6.1 Autoclave Temperature 6.2 Autoclave Pressure 6.3 Autoclave Time	Internal: <i>GAP027</i> Reference: <i>SADCAS TR-26</i>	20 °C to 140 °C 0 bar to 6 bar 0 to 60 min	- - -	0.8 °C 0.03 bar 5 s
7	Temperature Installations (Ovens, Incubators, Fridges/ Freezers, Liquid Baths, Cold Rooms)	Internal: <i>GAP021</i> Reference: <i>EURAMET Version 5.0 (09/2017)</i>	-20 °C to 200 °C	-	2 °C
8	Data Loggers	Internal: <i>GAP012</i> Reference: <i>SADCAS TR-26</i>	-40 °C to 100 °C	0.5 °C	0.6 °C
9	Electrical Simulation	Internal: <i>GAP016</i> Reference: <i>SADCAS TR-26</i>	-270 °C to 2000 °C	1.2 °C	1.2 °C

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**Pinkie J Malebe**  
**SADCAS Technical Manager**