



CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

Yellow Technical Services (Pty) Ltd t/a Yellotec
33 Taljaard Road
Boksburg, Gauteng 1459
South Africa

Fulfills the requirements of

ISO/IEC 17025:2017

In the fields of

CALIBRATION & TESTING

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

A handwritten signature in black ink, appearing to be 'J. Stine', is positioned above a horizontal line.

Jason Stine, Vice President

Expiry Date: 09 September 2027

Certificate Number: L2462



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory
quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

Yellow Technical Services (Pty) Ltd t/a Yellotec

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Boksburg, Gauteng 1459 South Africa

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CALIBRATION AND TESTING

ISO/IEC 17025 Accreditation Granted: **08 September 2025**

Certificate Number: **L2462**

Certificate Expiry Date: **09 September 2027**

CALIBRATION

Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Radiation (Infrared) Thermometers, Thermography Cameras	(30 to 120) °C (121 to 400) °C (401 to 500) °C	3.4 °C 5.5 °C 7.6 °C	Comparison with Radiation Thermometer: $\lambda = (8 \text{ to } 14) \mu\text{m}$, with flat plate blackbody source for $\epsilon = 0.97$, used as sources only.
Radiation (Infrared) Thermometers, Thermography Cameras	(401 to 800) °C (801 to 1 500) °C	7.6 °C 16 °C	Comparison with Radiation Thermometer: $\lambda = (1.5 \text{ to } 1.8) \mu\text{m}$, with cavity blackbody source for $\epsilon = 0.99$, used as sources only.

TESTING

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Acid Number by Color Indicator Titration	ASTM D974-08 (2008)	Lubricants/Oils	Analytical balance, grade A glass burette

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Kinematic Viscosity (30 to 1 000) cSt at 40 °C	ASTM D445-09009)	Lubricants/Oils	Automatic viscometer equipment which includes time measuring device and temperature controller/ measuring device

Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 ($k=2$), corresponding to a confidence level of approximately 95%.



Jason Stine, Vice President

