



CERTIFICATE OF ACCREDITATION

This is to attest that

ALSALAM AEROSPACE INDUSTRIES

CALIBRATION LABORATORY/SUPPORT
RIYADH 11482, KINGDOM OF SAUDI ARABIA

Calibration Laboratory CL-147

has met the requirements of AC204, *IAS Accreditation Criteria for Calibration Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date October 30, 2022

Expiration Date April 1, 2025



A handwritten signature in black ink that reads 'Raj Nathan'.

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

ALSALAM AEROSPACE INDUSTRIES

www.alsalam.aero

Contact Name Mir Usman Ali

Contact Phone + 966-11-8742222

Accredited to ISO/IEC 17025:2017

Effective Date October 30, 2022

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY ^{1,2} (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Mechanical			
Analogue and Digital Pressure Gauges	0.1 psi to 10,000 psi	0.14 %	DHI Model RPM 4 Electronic DWT Procedure Based on BS EN 837-1:1998 and NAVAIR 17-20MP-165L
Vacuum Gauges	0 psi to -12 psi	0.58 psi	Fluke 725 Procedure Based on NAVAIR 17—20MP-41
Thermal			
Thermometers (Dial and Digital)	-25 °C to 150 °C 50 °C to 660 °C	0.12 °C 0.59 °C	Fluke 9142 Metrology Well Fluke 9144 Metrology Well Dial type procedures based on NAVAIR 17—20ST-02. Digital type procedures based on NAVAIR 17—20ST-180
Thermocouples Type E Type J Type K Type T	-25 °C to 500 °C -25 °C to 500 °C -25 °C to 500 °C -25 °C to 370 °C	0.70 °C 0.70 °C 0.80 °C 0.80 °C	Fluke 9142 Metrology Well Fluke 9144 Metrology Well Procedure based on ASTM E230 – 03 and NAVAIR 17-20-ST01

¹The uncertainty covered by the Calibration and Measurement Capability (CMC) is expressed as the expanded uncertainty having a coverage probability of approximately 95 %. It is the smallest measurement uncertainty that a laboratory can achieve within its scope of accreditation when performing calibrations of a best existing device. The measurement uncertainty reported on a calibration certificate may be greater than that provided in the CMC due to the behavior of the calibration item and other factors that may contribute to the uncertainty of a specific calibration.

²When uncertainty is stated in relative terms (such as percent, a multiplier expressed as a decimal fraction or in scientific notation), it is in relation to instrument reading or instrument output, as appropriate, unless otherwise indicated.

* If information in this CMC is presented in non-SI units, the conversion factors stated in NIST Special Publication 811 "Guide for the Use of the International System of Units (SI)" apply.