INTERNATIONAL ACCREDITATION CENTER

CERTIFICATE OF ACCREDITATION

The International Accreditation Centre

Hereby attests that

US SERVTECH

Precision Measuring & Calibration Laboratories (PMCL)

Building No. 3904, Street Name: 14A, District Name: Al Dana

Zip Code: 35514, City: Al Jubail, Kingdom of Saudi Arabia

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

NON-DESTRUCTIVE 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.iacusa.org.

R. Douglas Leonard Jr.,
VP, PILR SBU
Expiry Date: 31 October 2025
Certificate Number: CB-1274

An NDT laboratory's compliance with ISO/IEC 17025:2017 ensures it meets both technical competency and management system requirements, enabling consistent, accurate, and reliable non-destructive testing results (refer to joint ISO-IAF Communiqué, September 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17024:2012

US SERVTECH

Building No. 3904, Street Name: 14A, District Name: Al Dana

Zip Code: 35514, City: Al Jubail, Kingdom of Saudi Arabia

Mr Muhammad Faran Aabdi

Technical Manager

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TESTING LABORATORY

NON-DESTRUCTIVE TESTING

Valid to March 31, 2026, **Certificate Number: CB-1274**

MEASURED QUANTITY OR DEVICETYPE CALIBRATED	RANGE	RESOLUTION	CALIBRATION METHOD ORPROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Ultrasonic Testing (UT)	1 mm to 500 mm (material thickness)	5 ± 0.01 mm (thickness measurement)	ISO 17640: Ultrasonic examination of welds ASTM E114: Ultrasonic pulse-echo testing method **Applications:** Detection of internal flaws such as cracks, voids, or inclusions in metals and composites. Thickness measurement of pipelines, pressure vessels, and structural components.
Radiographic Testing (RT)	Up to 200 mm Material thickness (steel)	Detection of defects as small as 0.05 mm	ISO 17636-1/2: Radiographic testing of welds ASTM E1742: Radiographic examination **Applications:**

			Inspection of welds, castings, and complex geometries for internal discontinuities. Assessment of critical components in pressure vessels, pipelines, and aircraft structures.
Magnetic Particle Testing (MT)	Detects surface cracks from 0.01 mm to 3 mm deep	Capable of detecting defects with a minimum crack length of 0.5 mm	ASTM E1444: Magnetic particle testing ISO 9934: Magnetic particle inspection of welds **Applications:** Inspection of welds, shafts, gears, and castings for surface cracks and flaws. Ensures integrity in critical parts such as pipelines, bridges, and machinery components.
Liquid Penetrant Testing (PT)	Detects surface defects in materials ranging from metals to ceramics	Detection capability for surface cracks as small as 0.01 mm wide	ASTM E165: Liquid penetrant examination ISO 3452-1: Non-destructive testing – Liquid penetrant testing **Applications:** Suitable for surface flaw detection in castings, forgings, and welded structures. Used in aerospace, automotive, and structural industries for weld and component inspection.
Eddy Current Testing (ET)	0.1 mm to 10 mm defect depth (depending on material conductivity)	Detection capability for flaws as small as 0.1 mm in depth	ISO 15548-1: Eddy current testing of welds ASTM E243: Eddy current examination of tubing and components

			Applications: Inspection of heat exchanger tubing, aircraft components, and structural materials. Thickness measurement and surface crack detection in conductive metals.
Visual Testing (VT)	Close visual inspection from 0.5 mm to 50 mm resolution	Able to detect surface flaws greater than 0.1 mm	ISO 17637: Visual examination of welds ASTM E165: Visual inspection for surface defects **Applications:** Inspection of weld seams, surface coatings, and structural components. Remote visual inspections using borescopes and cameras for areas with limited access.
Leak Testing (LT)	Detection of leaks down to 10^-6 Pa.m³/s (helium-based tests)	Capable of detecting micro-leaks in piping and containment systems	ASTM E1417: Liquid penetrant examination (used with certain leak testing) ISO 9712: Non-destructive testing – Leak testing **Applications:** Pressure and vacuum leak testing in pipelines, storage tanks, and gas containment systems. Used in power generation, chemical processing, and aerospace industries.

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. CB-1274.
2. All testing carried out in the Kingdom of Saudi Arabia, US Servtech.

R. Douglas Leonard Jr., VP, PILR SBU