

ENGINEERING SERVICE BRIEF

Pressure-Decay Leak Testing

Pressure-Decay Leak Testing - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical and Project Information

This service page outlines a project-based approach to Pressure-Decay Leak Testing. The exact scope, method, acceptance criteria, documentation, schedule, and destination-country requirements are confirmed during technical review.

A typical scope covers test-object review, method and tracer selection, calibrated instrumentation, controlled execution, acceptance evaluation, and a clear test report. The final method, sensitivity, fixtures, environmental conditions, and acceptance threshold are agreed from the actual design and project requirements.

Information required

- drawings, materials, dimensions, and accessible connections;
- operating pressure, temperature, process medium, and cleanliness limits;
- required standard, test method, acceptance criterion, and reporting format;
- site constraints, schedule, quantity, and destination country.

Request a technical review

Send the available project documentation to LeakLab. We will confirm feasibility and prepare a project-specific scope; capability, lead time, and compliance are not assumed until that review is complete.

- LeakLab Auto Automated Vacuum-Chamber Leak-Test Systems Made to Order Request a Quote Request a Quote
- LeakLab-AK Helium Accumulation Leak-Test System Made to Order Request a Quote Request a Quote
- Leak Testing and Vacuum Technology Training, 14-16 October 2026 Learn More Learn More
- LeakLab V75 Helium Vacuum-Chamber Leak-Test System Availability on Request Learn More Learn More
- Leak Testing Helium Leak Testing to OST 92-1527-89 Leak Testing to GOST 24054-80 Leak Testing to NP-105-18 Leak Testing for Rosatom Projects to NP-089-15 Container Leak Testing to GOST R 51827-2001 Leak-Tightness Testing to NP-089-14 Pipeline-Valve Leak Testing to GOST 9544-2005 Leak Testing of GRP Pipes and Fittings to GOST R 55070-2012 Vacuum Leak Testing to GOST ISO 13056-2025 Leak Testing of Mechanical Joints in Plastic Piping to GOST ISO 3459-2024 Power-Transformer Tank Leak Testing to GOST R 55015-2012 Power-Transformer Tank Leak Testing to GOST 3484.5-88 Leak Testing of Vessels, Equipment, and Connections to RD 26.260.011-99 Leak Testing to OST 26-11-14-88 Heat-Exchanger Leak Testing Leak Testing to GOST 25804.7-83 Leak Testing to GOST 20.57.406-81 Leak-Testing Laboratory Services Hydrogen Refuelling-Station Leak Testing to GOST R 55226-2012 Leak Testing to GOST 32569-2013 Leak Testing to OST 11 0808-92 Mass-Spectrometer Leak Testing to GOST 28517-90 Leak Testing to OST 26.260.14-2001 Leak Testing to OST 5R.0170-81 Leak Testing to GOST 28210-89 Leak Testing to PNAE G-7-019-89 Helium Spray Leak Testing Vacuum-Chamber Leak Testing Probe-Method Leak Testing Electronic-Module...

- Helium Leak Testing to OST 92-1527-89
- Leak Testing to GOST 24054-80
- Leak Testing to NP-105-18
- Leak Testing for Rosatom Projects to NP-089-15
- Container Leak Testing to GOST R 51827-2001
- Leak-Tightness Testing to NP-089-14
- Pipeline-Valve Leak Testing to GOST 9544-2005
- Leak Testing of GRP Pipes and Fittings to GOST R 55070-2012
- Vacuum Leak Testing to GOST ISO 13056-2025
- Leak Testing of Mechanical Joints in Plastic Piping to GOST ISO 3459-2024
- Power-Transformer Tank Leak Testing to GOST R 55015-2012
- Power-Transformer Tank Leak Testing to GOST 3484.5-88
- Leak Testing of Vessels, Equipment, and Connections to RD 26.260.011-99
- Leak Testing to OST 26-11-14-88
- Heat-Exchanger Leak Testing
- Leak Testing to GOST 25804.7-83
- Leak Testing to GOST 20.57.406-81
- Leak-Testing Laboratory Services
- Hydrogen Refuelling-Station Leak Testing to GOST R 55226-2012
- Leak Testing to GOST 32569-2013
- Leak Testing to OST 11 0808-92
- Mass-Spectrometer Leak Testing to GOST 28517-90
- Leak Testing to OST 26.260.14-2001
- Leak Testing to OST 5R.0170-81
- Leak Testing to GOST 28210-89
- Leak Testing to PNAE G-7-019-89
- Helium Spray Leak Testing
- Vacuum-Chamber Leak Testing
- Probe-Method Leak Testing
- Electronic-Module Leak Testing
- Leak Testing of packaging at low pressure during air travel
- Leak Testing for Rosatom Projects to GOST R 50.05.11-2018
- Leak Testing and Leak Location with a Leak Detector
- Underground Pipe Leak Location
- Cryogenic leak testing
- Software, Equipment and Documentation Development
- Ultrasonic Testing
- Pressure Measurement and Vacuum Generation

- Vacuum Equipment Service
- Vacuum and Process-System Audits

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: Pressure-Decay Leak Testing

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.