



BESTLABS SINGAPORE

EXPERTS IN ACCURACY

Company Registration no. 201728718W

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CUSTOMERRELATION
@CALIBRATION.SG



SETTING THE STANDARD IN CALIBRATION INDUSTRY

SAC-SINGLAS ISO/IEC 17025
ACCREDITED SERVICES

AUDIT-READY REPORTS &
CERTIFICATES - ANYTIME,
ANYWHERE

INDUSTRY-FOCUSED
SOLUTIONS

CENTRALISED DIGITAL CALIBRATION
RECORD SYSTEM
(CALPORTAL)

COMPREHENSIVE ONSITE &
OFFSHORE CALIBRATION
SERVICES

DEDICATED IN-HOUSE
TECHNICAL SUPPORT
IMMEDIATE ASSISTANCE,
REDUCED DOWNTIME

About Bestlabs

Founded in 2005 as part of BS Tech, Bestlabs became an independent entity in 2017 under the Best Standards Group of Companies. Since then, we have grown into one of Southeast Asia's premier providers of precision calibration and instrumentation service.

Serving a broad range of industries – including aerospace, semiconductors, pharmaceuticals, oil & gas, manufacturing, and life sciences—Bestlabs delivers SAC-SINGLAS accredited calibration services with a strong commitment to technical excellence, customer satisfaction, and operational reliability.

Our Accreditation



Certified with ISO / IEC 17025



First Calibration Lab to be endorsed
with AS9100D



Singapore Accreditation Council -
SINGLAS Cert no. LA-2017-0666-C



URGENT SERVICE
AVAILABLE



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OPERATES IN TWO
DIFFERENT SHIFTS



FAST DELIVERY &
LEAD TIME



CALIBRATION MANAGEMENT SOLUTIONS



At Bestlabs, we understand that your customers rely on your business to perform flawlessly. That is why we focus on ensuring your instruments and facilities operate at peak performance – with traceable, reliable, and efficient calibration services designed to minimize disruption and downtime.

We do not just keep things running – we give you the confidence to scale, optimize, and meet your compliance obligations with ease.

Facility & Instrumentation Support

One-Stop Solutions for Calibration, Maintenance, and Outsourcing

Bestlabs provides comprehensive facility support solutions, combining:

- Onsite calibration performed by certified engineers
- In-house technical specialists for instrumentation and troubleshooting
- Outsourced maintenance programs tailored to your workflow

In-House Technical Support - A Strategic Advantage

- Address breakdowns or urgent calibration needs immediately
- Avoid costly downtime from logistics delays
- Eliminate risks related to instrument transportation
- Improve internal process control and documentation accuracy
- Maintain audit readiness without scrambling for records
- Align services to production schedules and reduce administrative overhead

TRUSTED ACROSS INDUSTRIES

CalPortal – Cloud-Based System with QR Integration

Our proprietary platform, CalPortal, centralizes and digitizes your calibration activities—giving you complete visibility and control over every asset.

Current Features:

- Real-time calibration status – Instantly see which instruments are in service, due, or overdue.
- QR code tagging – Scan to access certificates, history, and specifications instantly.
- Secure certificate archive – Cloud-based storage for fast, reliable retrieval anytime.
- Searchable asset database – Locate equipment quickly by ID, location, or calibration date.

Future Upgrades:

Soon, CalPortal will feature automated alerts—empowering smarter decisions and greater compliance confidence.



Your smarter way to manage instruments, with greater efficiency, clarity, and compliance confidence.



Serving Industry Leaders Across the Region

- Aerospace: Bestlabs commands over 60% of Singapore's aerospace calibration market, with more than 10+ Year Partnerships with Key Clients, major OEMs, MROs, and defense contractors.
- Semiconductors: We provide dual-shift technical support (8 AM-6 PM and 7 PM-11 PM), ensuring uninterrupted service to match demanding production environments.



Our Valued Clients – Long-Term Partnerships Built on Trust

Bestlabs is proud to serve some of the most respected and quality-driven organizations in the region. Our long-standing contracts and relationships reflect our commitment to service excellence, compliance, and reliability.

Major Contract Customers Include:

- STMicroelectronics
- Systems on Silicon Manufacturing (SSMC)
- Eagle Services Asia
- Murata Electronics
- Siltronic Singapore
- And many more in the public, defense, and private sectors



These partnerships are a testament to our technical expertise, responsiveness, and ability to meet complex calibration requirements under stringent quality systems.











Company Growth & Commitment



Bestlabs operates from an 18,000-square-foot facility with a team of 62 experienced professionals, supported by a dedicated transport fleet for efficient collection and delivery. Operating on a 24/7 double-shift model, we ensure fast turnaround, service continuity, and minimal operational disruption.

Why Bestlabs?

Your Trusted Partner in Precision Calibration

-  SAC-SINGLAS Accredited - ISO/IEC 17025:2017 certified for trusted compliance
-  60% Aerospace Market Share - A decade of proven excellence in aviation
-  Onsite & In-House Technical Support - Minimize delays and service disruption
-  CalPortal Integration - Manage all your calibration digitally, in real time
-  QR Code Traceability - Instant scan access to service history and documents
-  18,000 sq ft Facility & 62 Staff - Robust infrastructure and team scalability
-  Extended Support Hours - Dual-shift support tailored to your operations
-  Dedicated Transport Services - Seamless pickup and delivery coordination
-  Trusted by Industry Leaders - Long-term partners in aerospace, semiconductor, pharma & more

More than a calibration provider, Bestlabs is your partner in accuracy, compliance, and operational excellence—every step of the way.



HYDRAULIC TORQUE CALIBRATION SERVICES

Assured Accuracy for Safety-Critical Applications

In Aerospace and Oil & Gas operations, torque accuracy is non-negotiable. From aircraft engine assembly to flange bolting on offshore platforms, precise torque application is critical to safety, reliability, and regulatory compliance.

Bestlabs delivers **ISO/IEC 17025** accredited hydraulic torque calibration services, supporting safety-critical operations across high-risk, high-load environments.

Designed for Aerospace & Oil & Gas Demands

Our hydraulic torque calibration capability is engineered to support:

- Aircraft engine installation & removal
- MRO and production torque tools
- Pipeline, flange, and pressure vessel bolting
- Offshore, refinery, and shutdown operations
- Heavy-duty hydraulic torque wrenches and pumps

Calibrations are performed using high-capacity hydraulic torque testers, enabling traceable verification across low to ultra-high torque ranges with controlled accuracy.

Trusted by High-Reliability Industries

With deep experience supporting aerospace MROs, engine manufacturers, offshore operators, and EPC contractors, Bestlabs is trusted where torque accuracy directly impacts safety and compliance.

Why Bestlabs

- **High-Capacity Torque Capability**
 - Supports large hydraulic torque tools used in aerospace propulsion systems and oil & gas bolting applications.
- **Accredited & Audit-Ready**
 - All calibrations comply with ISO/IEC 17025, ensuring full traceability and acceptance during customer, aviation authority, and regulatory audits.
- **Reduced Downtime**
 - Local calibration eliminates overseas shipment delays, significantly improving turnaround time and operational continuity.
- **Technical Confidence**
 - Results backed by documented uncertainty, decision rules, and clear pass/fail conformity –aligned with safety-critical requirements.

Calibration Scope

- Hydraulic torque wrenches
- Hydraulic torque pumps
- Reaction arm systems
- High-torque bolting tools

Calibration ranges and methods are aligned with manufacturer specifications and customer operational requirements.

MULTI-DISCIPLINE CALIBRATION CAPABILITIES

ISO/IEC 17025:2017 & OEM-Aligned Calibration



Beyond hydraulic torque calibration, Bestlabs provides integrated, multi-discipline calibration services for aerospace, oil & gas, semiconductor, pharmaceutical, and industrial sectors – supporting organisations seeking a single, accredited partner for comprehensive calibration management.

This integrated capability reduces vendor complexity, improves calibration consistency, and strengthens audit readiness across your operations.

Calibration Disciplines at a Glance

Temperature

- Thermocouples & RTDs
- Temperature probes & sensors
- Infrared thermometers
- Data loggers & recorders

Used in engine testing, environmental monitoring, process control, and thermal validation.

Pressure

- Pressure gauges (analog & digital)
- Pressure transmitters (gauge, absolute, differential)
- Vacuum gauges & pressure switches

Supporting aerospace test systems, utilities, pipelines, and process instrumentation.

Force & Mass

- Load cells & force gauges
- Tension and compression testers
- Weighing scales & test weights

Applied in structural testing, lifting systems, and production control.

Mechanical & Torque

- Manual & hydraulic torque wrenches
- Torque screwdrivers & multipliers
- Mechanical testers & tachometers

Designed for bolting, assembly, and maintenance in high-load applications.

Electrical & Process

- Multimeters & clamp meters
- Process and loop calibrators
- Signal simulators (V, mA, Ω)

Ensuring reliable control signals and instrumentation integrity.

Dimensional

- Vernier calipers & micrometers
- Height gauges & dial indicators
- Gauge blocks, pin gauges & thread gauges

Accredited, Traceable & Audit-Ready

All calibration services are performed in accordance with ISO/IEC 17025:2017, with:

- Full metrological traceability
- Declared measurement uncertainty
- Clear conformity statements
- Alignment to OEM technical datasheets or customer specifications

SECTION 1: TRACK RECORD – CALIBRATION OF SENSORS & TRANSMITTERS

Bestlabs has an established record of delivering high-accuracy onsite calibration of sensors and transmitters across aerospace, semiconductor, pharmaceutical, petrochemical, and critical infrastructure sectors. With ISO/IEC 17025-accredited capabilities and a dedicated onsite engineering team, Bestlabs supports some of the most demanding environments in Singapore and the region.

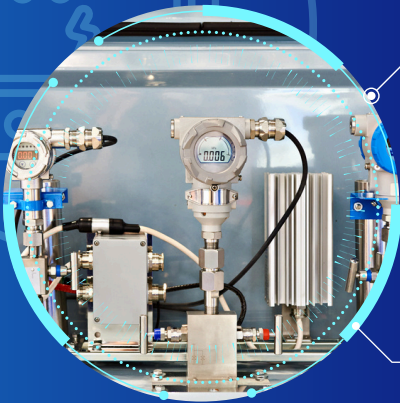
AEROSPACE & MRO FACILITIES

Eagle Services Asia (ESA)

- Onsite calibration of pressure and temperature transmitters for turbine overhaul and test-cell operations
- Conducted under strict aerospace safety protocols with portable multifunction calibrators
- SAC-SINGLAS endorsed results delivered through CalPortal

Pratt & Whitney (Various Divisions)

- Routine onsite loop checks, transmitter calibration, and verification work
- Support for continuity of operations during planned and unplanned maintenance windows



SEMICONDUCTOR & HIGH-PRECISION MANUFACTURING

STMicroelectronics

- ISO 14644 cleanroom-compliant calibration for pressure, flow, and temperature transmitters
- Included real-time documentation, ESD compliance, and digital delivery via CalPortal

Systems on Silicon Manufacturing Company (SSMC)

- Calibration of pressure, temperature, and mass flow transmitters in Class 1-10 cleanroom settings
- Integrations with customer equipment history records and CalPortal

Siltronic Singapore

- Onsite calibration of vacuum, pressure, and temperature transmitters supporting wafer manufacturing
- Execution aligned to ultra-low contamination and high-stability process requirements

Murata Manufacturing

- High-precision sensor calibration with RTD simulation, dry-block calibration, and loop verification



SECTION 2: TRACK RECORD – CALIBRATION OF SENSORS & TRANSMITTERS

PHARMACEUTICAL, BIOTECHNOLOGY & LIFE SCIENCES

AstraZeneca

- Calibration of clean utility transmitters (WFI, HVAC, environmental monitoring)
- Delivered with full GMP documentation, audit readiness, and traceability to ISO/IEC 17025

Other Pharmaceutical Facilities

- Onsite verification and calibration for pH, conductivity, humidity, and temperature transmitters
- Compliance with FDA / HSA standards and robust quality documentation

OIL, GAS & PETROCHEMICAL

ExxonMobil & Petrochemical Plants

- ATEX-certified onsite calibration of differential pressure, flow, and temperature transmitters
- Work performed in hazardous zones, supporting shutdowns, turnarounds, and preventive maintenance

Akzo Nobel / Specialty Chemicals

- Chemical plant onsite transmitter calibration under strict permit-to-work systems
- Full traceability and digital certification through CalPortal

INFRASTRUCTURE & PUBLIC SECTOR

SMRT Corporation Ltd.

- Calibration of differential pressure and temperature sensors inside ventilation & railway tunnel systems
- Strict coordination with night maintenance schedules, comparator pump calibration & loop tests

Emerson (Field Instrumentation Support)

- Third-party verification and accredited calibration of Rosemount pressure/temperature transmitters
- HART diagnostics, 4-20 mA simulation, and commissioning support

