



## FIRST ACCREDITED CALIBRATION LAB IN BANGLADESH

### ISO 17025 ACCREDITED CALIBRATION SERVICE

Equipment Calibration  
In Lab Calibration  
Onsite Calibration  
Calibrated Materials  
ISO 17025 Consultancy  
Environmental & Product Testing



**Accreditation gives confidence in the competence of a calibration laboratory.**

Accreditation provides confidence in uncertainties, certificates and reports by implementing widely accepted criteria set by the international (ISO) standardization bodies. The standards address issues such as impartiality, competence and reliability; leading to confidence in the compatibility of certificates and reports across national borders.

Our calibration laboratory is accredited to EN ISO/IEC 17025, which is the latest international standard specifically addressing the performance of calibration laboratories as well as staff.

**Accredited by BAB:**



**Accredited by NABL:**



**From consultation to implementation: OTS offers its competence for your confidence.**

# CAPABILITIES

Leading independent laboratory to provide quality calibration services for testing & measuring instruments

Mechanical  
Dimensional  
Temperature  
Pressure/Vacuum  
Volumetric  
Weight & Weight Boxes  
Force  
Electrical  
& many more



## LABORATORY CALIBRATION

Using the resources of our fully equipped state of the art laboratory, our trained technicians can:

- Calibrate and repair instruments ranging from the simplest meter to the most complex production machines.
- Precisely measure various parameters.
- Calibrate almost any mechanical, dimensional instrument (including all types of precision dimensional standards, gages and hand tools).
- Our pressure, vacuum, mechanical and dimensional laboratories are environmentally controlled, ensuring the correct atmosphere for the precise measurements your instruments require.

## ONSITE CALIBRATION

For the ultimate in convenience, choose onsite calibration services from OTS Calibration Laboratory.

- Eliminate instrument downtime and the need for spares.
- Minimize interruptions to your manufacturing process.
- Ensure you'll have no questions about where your instruments are or when they will be returned.
- Allow you to schedule all your calibration services at once or periodically throughout the year.
- Eliminate shipping costs and delays.

\*Not all calibration services are currently available on site. Please check with our customer service representative for current list of on site calibration.





## SERVICES YOU CAN TRUST

OTS Calibration Laboratory is Bangladesh's first accredited calibration and repair lab established in the year 2012. OTS diverse calibration scopes cover mechanical, dimensional, mass & volume, pressure vacuum, Thermal, Force etc. for clients across variety of industries. Our environmental-ly controlled labs are sophisticatedly equipped to offer fast turnaround on most jobs. Onsite service is also available. Are you sure your instruments are taking accurate measurements and can stand up to any inspectional or auditing process? With OTS you will now avail world class calibration service.

OTS calibration laboratory has strength of extensively trained engineers to provide competent & reliable calibration at laboratory or at customer's site.

<b>BENEFIT</b>	
<b>ON-SITE</b>	
On-site calibration. Fast turnaround for send-in service.	

<b>BENEFIT</b>	
<b>KNOW-HOW</b>	
Backed by 40 years of Industry experience of OMC Group	

# CALIBRATION & REPAIR SERVICE

Clients can count on OTS for the ultimate convenience. Having a vast array of calibration equipment, we can address all the calibration needs of most businesses.

OTS expertise and ability to provide competitive pricing and fast turnaround enables you to operate efficiently and with total confidence. OTS is ISO 9001 certified and also ISO/IEC 17025 accredited. This provides our customers more confidence than ever that the calibrations done by our lab are sound and reliable.

## It Pays to Calibrate!

Your business runs on the accuracy of your equipment which represents a major investment by your company. Through proper, regular calibration you not only achieve the greatest return on your investment, you also assure your equipment continues to comply with national and international industry standards while delivering quality information and product.

To control your fate – Calibrate

- Are my results or engineering data questionable?
- If I am out of calibration, will I ship out-of-spec or unsafe product?
- How will my customer be affected and/or what risk could I incur from bad product or bad data?
- If I need to recall product from the field, how will this affect my reputation?
- What is the impact of retracting published data and performance results?

In these scenarios the only good surprise is no surprise and that's where our Calibration and Repair service will eliminate the risk or worry of questions arising from inaccurate data. Laboratory accreditation is recognition by an authoritative body that a laboratory is capable and competent to provide scientifically sound and valid calibration or testing services as documented on its scope of accreditation and on the calibration certificates and/or test reports it issues.



## BENEFITS TO CLIENTS FOR USING AN ACCREDITED LABORATORY

- Easily identifiable sources of competent calibration services.
- Potential for increased market acceptance of products due to the national and international recognition of calibration reports.
- Reduced assessment costs due to increased confidence in calibration report.

# WHY CHOOSE OTS:

**Fast and cost-effective.** For fast-turnaround calibration and repair of all your commonly used equipment, choose OTS's calibration and customer services. As the most extensive, single-source service for the calibration of equipment in Bangladesh, OTS provides test laboratories with fast, reliable, high quality services. OTS's extensive countrywide calibration and repair capability is built on our own high quality standards and longstanding engineering experience. Our laboratories are accredited to national and international standards, and offer both accredited and traceable calibration services. Our experts are available for customer-specific consulting and training.

## **OTS accredited Calibration = Global Competence**

The accredited calibration service is designed for accredited test laboratories and industry. It is based on calibration equipment, procedures, measurement uncertainties and personnel, all of which are assessed by a national and international accreditation authority to ensure accuracy of measurement.

## **OTS Traceable Calibration = Customer Confidence**

The traceable calibration service is ideal for all types of commercial and in-house test laboratories. It uses similar traceable measurement equipment, and almost the same processes. Both accredited and traceable calibration services are in-line with the recommendations of EN ISO/IEC 17025.

## **OTS strengths:**

- > Independent laboratory providing calibration services
- > Traceabilities
- > Meets stringent requirements of "17025 : 2017" by various bodies
- > Extensively trained engineers
- > Value for money
- > Strict environmental laboratory conditions
- > Timely services
- > One call away
- > Finer uncertainty of measurement

OTS is continuously expanding its range to meet the ever-changing demands of the market.

## SERVICES OFFERED:

### CALIBRATION:

- Mass & Volume
- Pressure & Vacuum
- Dimension
- Thermal
- Electrical
- Force
- Analytical Equipment
- Room Mapping Validation
- Fume Hood Chamber
- Automatic Potentiometric Titrator
- Disintegrating Tester
- Friability Tester
- Spectrophotometer
- High Performance Liquid Chromatography
- Karl Fischer Titrator
- Water Purification System

### CONSULTANCY & TRAINING

- Annual Consultancy Contract
- Operations Related Troubleshooting
- Training for Fresh Recruits
- Training for Experienced Personnel
- Test/ Instrument/ Product Specific Trainings
- Subject Specific Presentations
- Process & Quality Audit

### RESEARCH & DEVELOPMENT

- Quality Development
- Technology Development
- Development of New Testing Protocols
- New Compound Isolation & Quantification
- New Quality Parameter Establishment
- Development of Lab Management Systems

### ADDITIONAL SERVICES:

- Annual Lab Operation Contract
- New Laboratory Setting up
- Up-gradation of Existing Laboratories
- Event Management (Seminars/work-shops)
- Placement Services for Lab Personnel
- Liaison With Govt. Bodies for Clients
- Lab Support to Damage/ Loss Surveyors

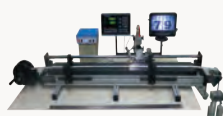
### ANALYTICAL TESTING

- Testing for Regulatory Requirements
- Certification Related Testing

### Some of the Instruments We Calibrate\*



Digital Micrometer



Measuring Tape & Steel Scale



RTD With Indicator



Multimeter



Autoclave



Dead Weight Tester



Balance



Incubator



Pipette



Hardness Tester



Weight Bar



Light Box

\*Picture is only for illustration of our services and not limited to our scope of work

# What to Look for

## In a Calibration Certificate

The same attention to detail deployed in the actual calibration or repair is exemplified in how we prepare the Certificate: Your guarantee of accuracy!

- Calibration Provider** ▶ Essential information about the calibration provider: who and how to contact in case of questions.
- ISO/IEC Accreditation** ▶ Is the Calibration provider accredited? Accredited labs have been evaluated for their proficiency, training, calibration procedures, equipment and more.
- Customer Equipment or Product** ▶ The certificate results provide an unambiguous identification of the item being calibrated.
- Essential Profile** ▶ A unique tracking (certificate) number, date of calibration and page number including the total pages, test conditions [ie: ambient temp.] and the site where the calibration was performed.
- Methods Used** ▶ The exact standard or documented procedure used for the calibration will be identified to the latest revision.
- Measurement Uncertainty** ▶ We provide a statement of the measurement uncertainty including confidence level.
- Calibration Equipment** ▶ We identify all calibration standards used, calibration due date, and a statement regarding traceability to international measurement standards. Please note down and recheck with certificate that mentioned standard equipment used for calibration is actually used.
- Signature** ▶ Our report will include the name, title and signature of the technician who performed the calibration, and that of an accredited signatory if applicable.



### Our Guarantee

We understand how important your test equipment and good measurement are to the quality of your service or product. If you are not completely satisfied with an OTS calibration, we will recalibrate the unit to make sure it meets specifications. Simply contact our Customer Service Department with your concerns, and we will take care of them immediately.

To reach Customer Service:

Call: +88 01755585553-7, Email: info@otsbd.com

## OTHER SERVICES

### Calibrated Materials:

We sell full range of Calibrated Materials from our World Renowned Partners. We are the largest source for calibrated materials in Bangladesh.

### Validation Service:

for GC-MS, HPLC, ICP-MS, ICP-OES, AAS/ GC-FID, HVAC

### ISO 17025 Consultancy:

OTS specializes in Laboratory Quality Systems and can provide you with quality Manual, Training, and Consulting Services to meet the requirements of the new standard and keep you compliant. Our consultants have extensive knowledge of working with accreditation bodies for Quality Management System Certifications.



## INDUSTRIES SERVED

### Pharmaceuticals



UV-VIS Spectrophotometer  
 Titrators  
 pH Meter  
 Analytical Balance  
 General Balance  
 Rotary Evaporator  
 Analytical Mill  
 Muffle Furnace  
 Bio-safety Cabinet  
 Centrifuge  
 Freezers  
 Glass-wares  
 Autoclave  
 Hepafilter Integrity

### Textile



Verivide/X-rite  
 Light Box  
 Sample Cutter  
 Crockmaster  
 Elmatear/Digital Tear Tester  
 Orbitor Pilling Tester  
 Impulse  
 Perspirometer  
 Incubator  
 LUX Meter  
 Washing Machine  
 Gyrowash  
 Tensile Machine

### Precision Engineering



Micrometer  
 Slip Gauge  
 Thickness Gauge  
 Height Gauge  
 Depth Gauge  
 Vernier Caliper  
 Feeler Gauge  
 Dial Indicator  
 Pressure Transmitter  
 Pressure Gauge  
 Vacuum Gauge  
 Various Meters  
 Weights  
 Weight Box/Set

### Laboratory



pH Meter  
 Overhead Stirrer  
 Shaker  
 Heating Bath  
 Hot Plate  
 Magnetic Stirrer  
 Pipette  
 Ovens/Incubators  
 Water Bath  
 Moisture Analyzer  
 Water Quality Checker  
 Water Quality Monitoring System  
 Various other items

“Ensure your instruments are taking accurate measurements and can stand up to any inspectional or auditing process.”

### Leather



Satra, UK  
 manufactured items  
 Cutting Machines  
 Measuring Machines  
 Various Laboratory machines

### Survey



Total Station  
 Digital Theodolite  
 Digital Level  
 Automatic Level  
 Digital Planimeter  
 Digital Curvimeter  
 Digital Map Meter  
 Measuring Tape  
 (Fibre Glass)

### Bio-technology



Genetic Analyzers  
 Real time PCR  
 StepOne RT PCR  
 9100 Conv. PCR  
 Veriti Conv. PCR  
 2720 Conv. PCR  
 Other Conv. PCR

### Others

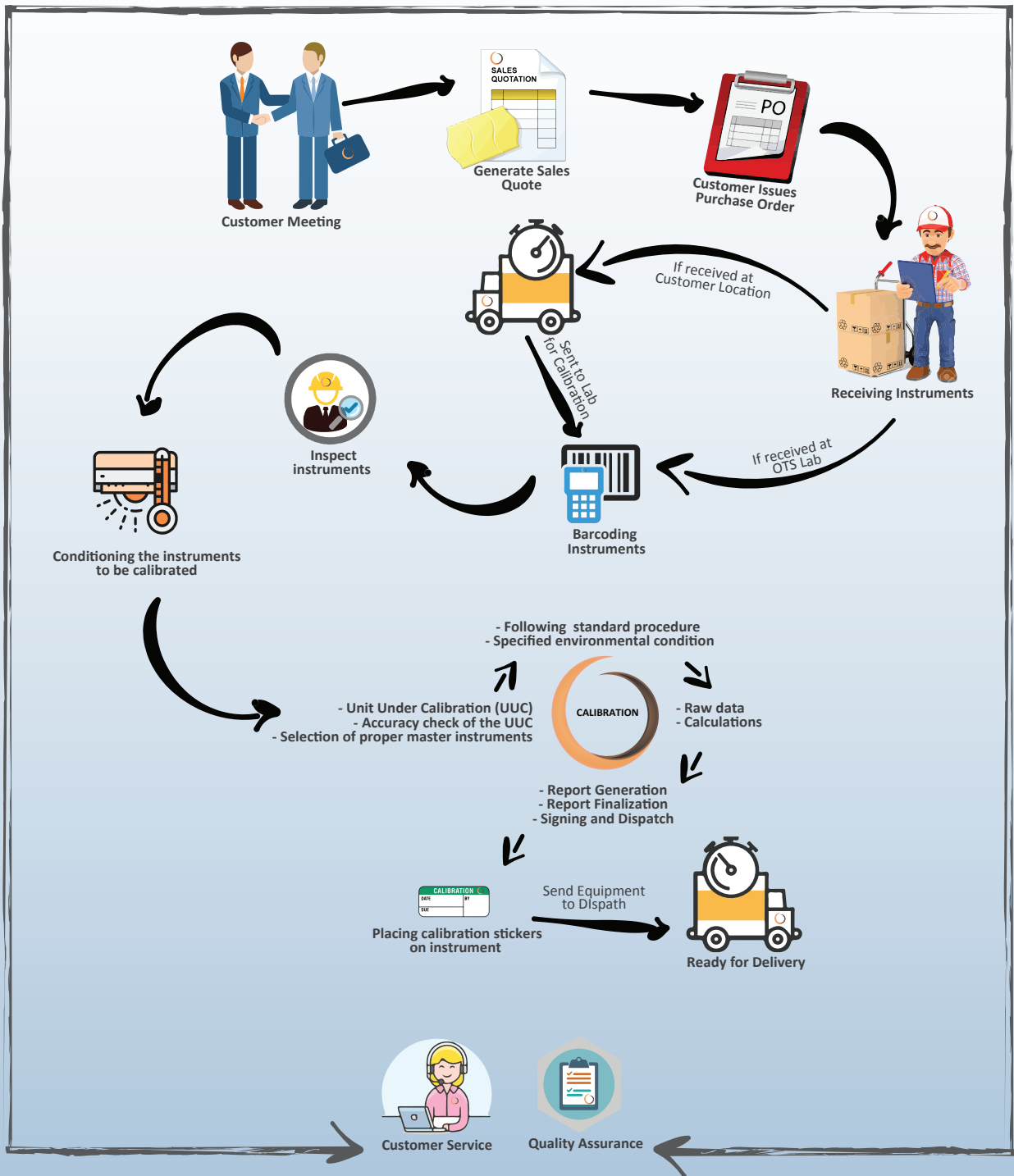


Thermometer  
 Temperature Indicator  
 Tachometer  
 Stroboscope  
 Sound Level Meter  
 Weighing Box  
 Stopwatch

& many more .....

Above is only a partial list. Please contact us at +88 01755585553-7 or mail us at [info@otsbd.com](mailto:info@otsbd.com) with your requirement.

# OTS Workflow Diagram



Accreditation  
Certificate No. CC 2409

Certificate No. AJAEE/19/14784

*Even a leader such as OTS has to prove its excellence every day. We work hard to exceed our own demanding standards.*

## **ISO 17025 ACCREDITATION CERTIFICATE FROM BAB**

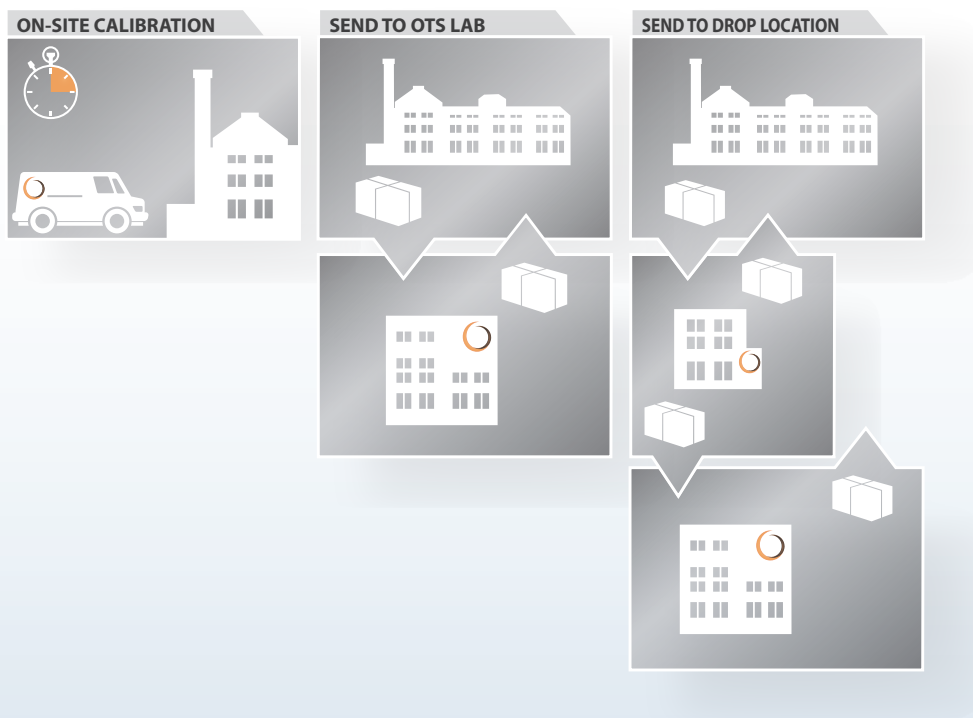
Our Honorable Chairman & Managing Director Receiving the ISO 17025 accreditation certificates from Honourable Minister, Honourable State Minister, Honourable Secretary - Ministry of Industries & Honourable Director General of BAB



Our Honorable Chairman, Managing Director and Lab Manager Receiving the ISO 17025 accreditation certificates from Director General of BAB



## OTS CALIBRATION SERVICES



### CORPORATE OFFICE

📍 Unique Trade Center (UTC)  
Level 15, 8 Panthapath  
Dhaka-1215, Bangladesh

### LAB. LOCATION

📍 Navana DH Tower, Level 3  
6 Panthapath, Dhaka 1215  
Bangladesh

### CONTACT US

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+88 02 58154510-11  
✉ info@otsbd.com



The OTS quality system is accredited to ISO/IEC 17025:2017. The management system requirements in ISO/IEC 17025:2017 are written pertinent to laboratory operations and meet the principles of ISO 9001:2015 Quality Management Systems Requirements. This allows OTS to provide state-of-the-art test equipment calibration services that precisely measure scale, flow, weight, pressure, vacuum, temperature and calibrate almost any mechanical or dimensional instrument.

