



ASTS

ALPHA SIGMA TECHNICAL SERVICES
Quality Solution Partner

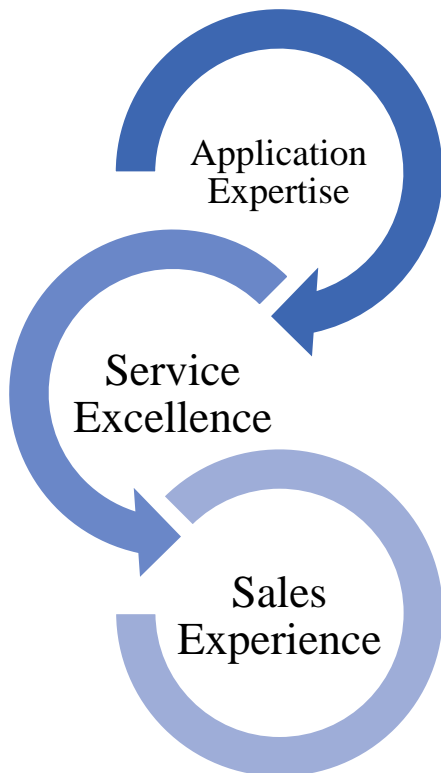
ASTS
ALPHA SIGMA TECHNICAL SERVICES
Your reliable source for a complete laboratory solution.



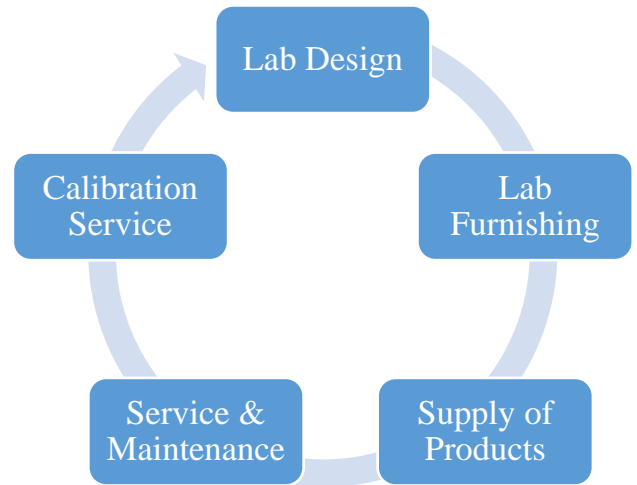
About Us

Since 2013, A.S.T.S Afghanistan is a leading global supplier of the widest range of Petroleum Testing Equipment, Air Quality Monitoring Systems, Analytical Instruments, Laboratory Chemicals, Glassware, Apparatus, Medical & Lab, Instruments, Microbiology Media, Biochemical, Diagnostics and other laboratory products from a single source in the Afghanistan.

"The goal of A.S.T.S Afghanistan is to constantly bring together the best technical and industrial expertise to provide viable and cost-effective solutions to laboratories in the Afghanistan, while answering the need for affordable, outstanding and exceptional after sales service & support enabling our customers to attain the highest value for their purchases.



ASTS Turnkey Quality Solution



Business Units

- Laboratory Furniture
- Laboratory Equipment, Chemicals, Reagents & Glassware
- Analytical Instruments
- Petroleum Testing Equipment
- Medical Equipment
- Environment Analyzers
- Pharmaceutical
- Material Testing Equipment
- Process Control Instruments
- Service and Maintenance Support
- Calibration Services
- Sales Experience
- Service Excellence
- Application Expertise

Industries Served



Refineries



Gas Plants



Metals



Adhesives & Packaging



Petroleum and Water Drilling



Grease & Lubricants Plants



Environment



Universities



Waste and Fresh Water Treatment



Power Plants



Medical & Healthcare



Pharmaceutical



Mining & Minerals



Paints, Inks, Coatings



Food & Beverage



Construction

Product Range



Laboratory Furniture

- Instrument Table & Lab Stools
- Under bench Cabinet, Wall Mounted Cabinet, Tall Storage Cabinets
- Safety Showers & First Aid Equipment
- Flammable / Corrosive Cabinets
- Biological Safety Cabinets/Laminar Flow Cabinets
- Duct/Ductless Fume hood



Laboratory Equipment, Chemicals, Reagents & Glassware

- Solvents
- Reagents
- DPD Test Kit
- Flasks, Beakers, Cylinder, Thermometers, Hydrometers
- Water Incubator Kit
- Strip Test Kit
- PH, TSD, TSS, Turbidity meters,
- Photometers & Spectrophotometers
- Color Meters
- ICP - OES
- TOC
- HPLC
- GC, GCMS
- NIR
- FTIR
- Atomic Absorption
- RAMAN



Petroleum Testing Equipment

- Density Metes
- Distillation
- Flash Point
- Sulphur, Nitrogen Analyzers
- Pour point, Cloud Point, Freeze point, CFPP Testers
- Oxidation Stability of Fuels
- Vapor Pressure & Corrosion Testing
- Viscometers
- Pilot Plants (TBP, Vacuum Distillation)
- RON & MON Engine
- LPG Hydrocarbon by GC
- Various Bitumen & Wax Testing Instruments



Medical Equipment and Supplies (Feature Plane)

- Hospital Furniture / Beds
- Point of Care Analyzer / Cuvettes
- Dialysis Machines / Consumables
- Medical Consumables / Disposables
- Refrigerators & Freezers
- Syringe / Infusion Pumps
- General Medical & Surgical Items
- Ultra Sound Systems
- Neonatal Products

Product Range



Environment Analyzers

- Ambient Air Quality Monitoring (AQMS)
- Metrological Instrument
- Flue Gas, Stack & Dust Monitors
- Explosive Gas Detectors & Analyzers
- Continuous Emission Monitoring System
- Water Quality Analyzer



Pharmaceutical, Biotechnology & Life Science

- Hardness Tester
- Powder Flow
- On / Off Line NIR, NIR Chemical Imaging
- Stability / Dispersion Analyzer
- Automated Media Preparator
- Fermenter / Bioreactor (Lab to Production)
- Nutrient Monitoring systems (On / Off Line)
- Automated Cell Counter / Cell sorter
- Flow Cytometry / Micro Array
- Microbial Identification System



Material Testing

- Concrete / Cement Compression /
- Flexural Machine
- Vicat Apparatus
- Universal Testing Machine &
- Hardness Tester
- Melt Flow Index (MFI)
- Melt Flow Viscometer
- Falling Dart Impact Tester
- Friction Tester
- Abrasion Tester for Tiles / Paving Block



Process Control Instruments

- Vapor Pressure Analyzers
- Oil in Water Analyzers
- Salt Analyzers
- Chlorine Analyzers
- Cloud, Pour & Freezing Point, & Analyzers
- TOC Analyzers

Application, Service Support, Maintenance and Training

Site preparation & complete re- installation consultancy, installation

Annual Maintenance Contract (AMC)

- ❖ and commissioning of the systems.
- ❖ of the instruments supplied by us
- ❖ Complete on - site training to users or for the pre-existing ones (with, or including the preliminary trouble- without spares).
- ❖ shooting guidance.
- ❖ Complete I.T. & Validation support,
- ❖ Full technical & application support software upgrades and new software
- ❖ up to the complete satisfaction of the
- ❖ as per IQ, OQ, PQ or other relevant
- ❖ customer.
- ❖ international quality standards.
- ❖ Warranty Support: prompt & efficient
- ❖ support during the warranty period in terms of labor, spare parts and consumable.



Calibration Services



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