



A B PROCESS TECHNOLOGIES

Instrumentation Automation & Control Systems

Connecting Fluidic Relations

Customized & SMART Automation
Engineering Solution Partner

Your Fluid System Partner

Instrumentation & Process Control Systems

ABOUT US...

A B Process Technologies is expertise in the field of 'Fluid Instrumentation & Process Control System' Project Company. Our capability lies with wide spectrum for customized turn key projects with integrated strengths of engineering, supply chain management, project management, installation and commissioning. We deliver value proposition ensuring safe & cost optimized international standards engineering solutions.

Since inception A B Process Technologies have been catering to turnkey level projects with R&D, pharmaceuticals, oil and gas, OEMs etc. and as an endeavor of value engineering, we have always strived to deliver best solutions in fluid handling systems. In this journey A B Process Technologies have gained it's biggest asset as customer trust and 'reliable partner' in all projects. In an effort to nurture constructive and innovative approach as an organization culture, we continue to grow our overall technical and project management capabilities.

Company director Mr. Sameer Badve and Mr. Anand Borkar has vast experience in fluid system dynamics in various process fields & had worked as technical experts in reputed International Companies. Rich cumulative experience contributes with related international trainings & working with top MNCs in India as fluid system experts.

SYNOPSIS

We at A B process Technologies believe in a perfect blend of quality, service and cost to provide hi-performance solutions to our customers. These solutions are always designed to enhance value engineering while keeping customer's brand image at apex. In an effort to provide solutions to our customer, we strongly believe that applications knowledge is a must and with our expertise wholesome approach, we treat every opportunity to help customer win. Our dedicated team of designers in consultation with projects execution and sourcing shall make every attempt to provide you a world class experience in all of your pain points.

WHY A B PROCESS TECHNOLOGIES.

A B Process Technologies is instrumental in providing engineered fluid handling turnkey solutions since inception and with more than 30+ years of cumulative knowledge, you will be able to count on us for

- Complete understanding of your needs. ● Flexibility ● Adaptability ● Technical know-how
- Vast experience of QC, API, chemical, analytical and formulation processes and product life cycle.
- Footprint in critical projects execution.
- Next gen solutions for high temperature, high pressure, high flow, corrosive and toxic gas applications.
- Peace of mind.

Our business mantra is

“ Joints to ensure long term association ”



R & D LABORATORIES -

A B Process Technologies has vast experience in delivering turnkey fluid system solutions. We have experience of over 20 Lab Setups as Complete Consultancy to Commissioning with Value Added Services.

We understand Key Requirements (URS) of different type of R&D Laboratory activities viz. Chemical, Analytical, Pharma, Bio Pharma, Govt., Defence etc. Our expertise supports in providing a perfect blend of engineering & Art. We also provide solution from selection, Supply & commissioning of utility equipments.

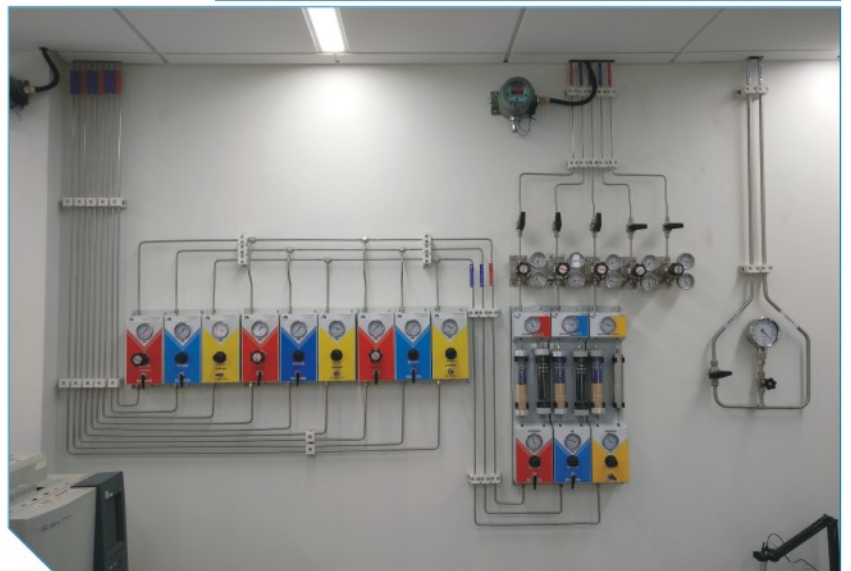
Be it Gas, liquid or steam, our turnkey solution offerings will make customer delight with uninterrupted and clean fluid supplies.

Gas Delivery System

- Gas Distribution System
- Gas Leak Detection System
- Low Pressure Gas Alarm System
- Gas Management System
- Gas Bank Solution - Manifolds / Changeover
- Gas Control System
- Gas Purification System

Utility System

- Compressed Air
- Vacuum
- Hot Water
- Reverse Osmosis
- Chemical Drainage
- Fire Hydrant System
- Clean Room Solutions



AUTOMOTIVE -

Specialized in Ultra High Purity gas application for need of Auto Industry thru norms for Euro 5 / Euro 6. Knowhow of Gas behavior to support entire emission Gas Analyzer setup, we cater from Basic level to Fully Automatic Gas Management system with variety of options keeping safety features uncompromised. Validating System thru stringent testing like Helium Leak Test demonstrates level of project solution capabilities & unmatched quality standards.

We also cater to Fuel Lines requirement like CNG / H₂ high pressure systems from cascades to Engine test Cells with customization as per your needs & requirements.

We truly understand intricacies involved in delivering fluid system from analytical instrumentation standpoint expands our deliverables for Pressure/Flow/Temperature measurement setups required in Auto Manufacturing Plant.

Gas Delivery System

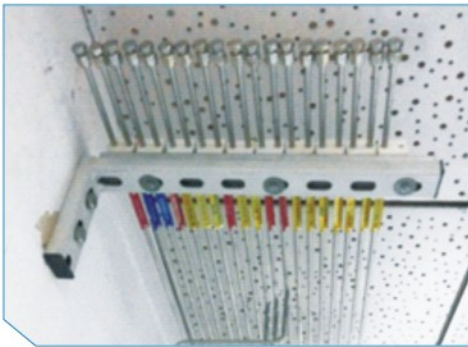
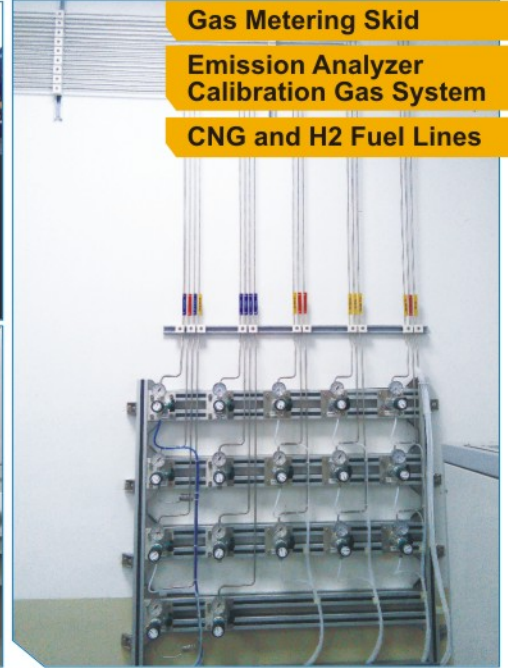
- Gas Distribution System
- Gas Leak Detection System
- Low Pressure Gas Alarm System
- Gas Management System
- Emergency Shutdown System
- Gas Cabinet With Abatement System



Gas Metering Skid

Emission Analyzer Calibration Gas System

CNG and H₂ Fuel Lines



GENERAL INDUSTRIES -

SMART systems for your production & plant productivity & quality needs...

A B Process Technologies has vast experience in delivering turnkey fluid system solutions to process instrumentation and general industries from automation standpoint.. We not only undertake projects like low pressure / high pressure instrument calibration systems, high pressure test benches but also provide value engineering from hazardous operations study's perspective.

We truly understand intricacies involved in delivering customized solutions from form, fit and function's standpoint.

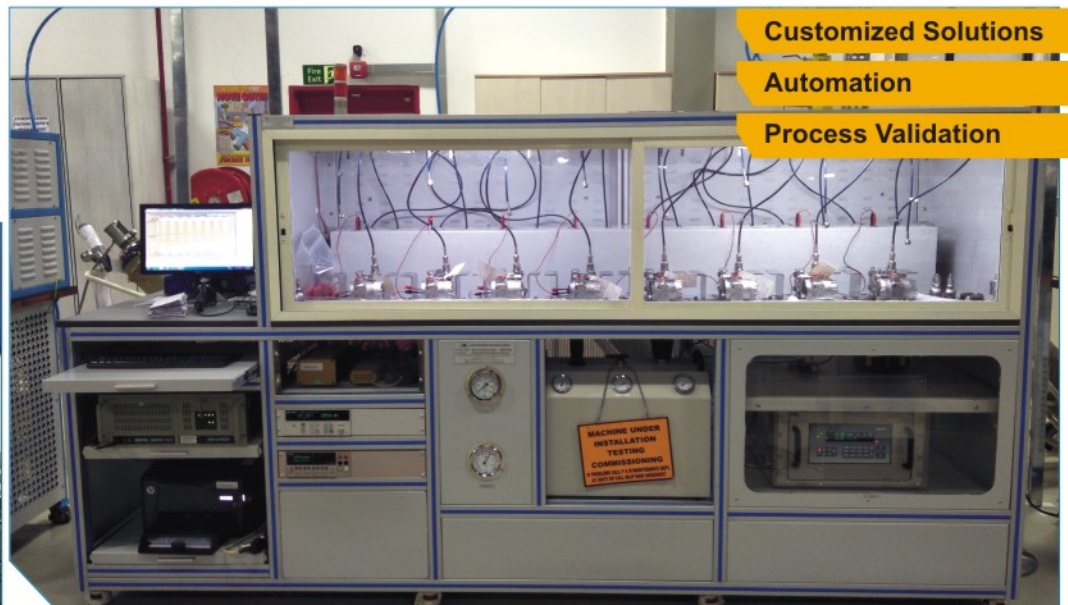
Calibration Skids

- Pressure
- Temperature
- Flow

Customized Solutions

Automation

Process Validation



PHARMACEUTICAL / BIO-PHARMACEUTICAL -

A B Process Technologies has vast experience in delivering turnkey fluid system solutions to pharmaceutical industries and R&D laboratories. We not only undertake projects of gas delivery systems that includes gas leak detection and low pressure gas alarm System, utility services such as Compressed air, Vacuum, Hot water, Reverse Osmosis, chemical drainage and fire hydrant system on turnkey basis but also provide solutions to clean room.

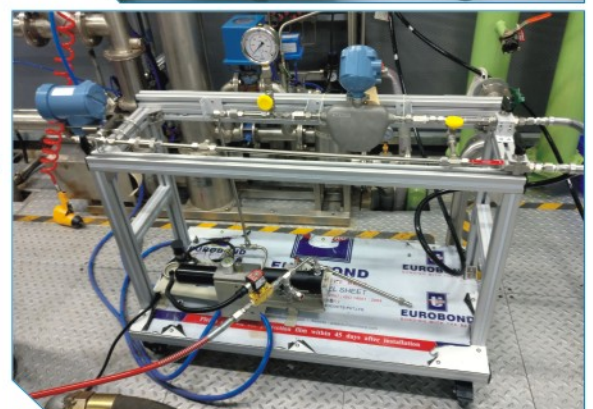
We truly understand intricacies involved in delivering gases from Process/Quality Control and R&D for hydrogenation process, reactors, analytical instruments standpoint. Be it Gas, liquid or steam, our turnkey solution offerings will make customer delight with uninterrupted and clean fluid supplies.

Gas Delivery System

- Gas Distribution System
- Gas Leak Detection System
- Low Pressure Gas Alarm System

Utility System

- Fire Hydrant System
- Fire Suppression System



CHEMICAL / PETROCHEMICAL -

A B Process Technologies has vast experience in delivering turnkey fluid system solutions to chemical and petrochemical industries. We not only undertake projects of gas delivery systems that includes gas leak detection and low pressure gas alarm System, utility services such as Compressed air, Vacuum, Hot water, Reverse Osmosis, chemical drainage and fire hydrant system on turnkey basis but also provide solutions to grab sampling systems and valve control modules.

We truly understand intricacies involved in delivering gases from analytical instrumentation standpoint. Be it Gas or liquid chromatography, our turnkey solution offerings will make customer delight with uninterrupted gas/media supplies.

Gas Delivery System

- Gas Distribution System
- Gas Leak Detection System
- Low Pressure Gas Alarm System

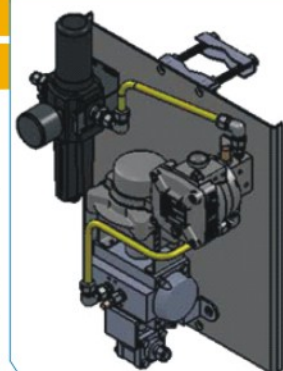
Utility System

- Fire Hydrant System
- Fire Suppression System



Valve Automation

Grab Sampling System



SEMI CONDUCTOR -

A B Process Technologies has vast experience in delivering turnkey fluid system solutions to semi-conductor, synthetic diamond and its R&D Laboratories / institutes. We not only undertake projects of gas delivery systems that includes gas leak detection and low pressure gas alarm System, compressed air on turnkey basis but also provide customised valve manifold box solutions to fab.

We truly understand intricacies involved in delivering ultra high purity gases from chemical vapor deposition standpoint. Be it process Gas or chemical, our turnkey solution offerings will make customer delight with uninterrupted and clean fluid supplies.

Gas Delivery System

- Gas Distribution System
- Gas Leak Detection System
- Low Pressure Gas Alarm System

Exhaust System

Customised Solutions



TURN KEY SOLUTIONS -

The 'Turn-Key' Difference

Our aim is to provide such a professional, thorough and skilled level of service that our clients only need to appear at their finished project, turn their key and walk in. This is our 'Turn-Key Approach' to centralised gas delivery system, where the design, project management and site management teams are all fully integrated and work together under one roof. This makes AB Process Technologies your 'one-stop shop' for green field and brown field projects.

The Benefits of the 'Turn-Key Approach'

1. FAST & EFFICIENT - Using our 'Turn-Key Approach', AB Process Technologies will carry out entire project life cycle right from feasibility assessment to validation and handover of the site. Where Design and Build services are provided by one company, there is the ability to fast-track certain aspects of construction, leading to an earlier finishing date than traditional systems could deliver.

2. FLEXIBILITY - Requirements can tend to change mid-way through a project, once all parties involved start to see it come together and identify areas where improvements could be made to the design. Our 'Turn-Key Approach' means we can use our in-house design and project management skills to action the outcomes of continued dialogue and the sequential design and costing packages immediately into your project. This means design problems can be ironed out at a much earlier stage than under the more traditional design and tender approach.

3. DESIGN RESPONSIBILITY - Having the same company take control of both Design and Construction on a project means that we take extreme care to ensure performance specifications and outline requirements are clear at the outset, and easily changed as the project moves forward.

GAS PANELS -

- Single cylinder / bundles
- Purge / vent requirements
- Auto change system
- Compatible Material of construction (Brass or Stainless Steel)
- Contact gauges for monitoring safety outlet

PIPING -

- Total Length of tubing from central gas supply to point of use for each gas
- Total number of lines / gases
- Minimum Flow requirement
- Expansion considerations
- Section shut of valves



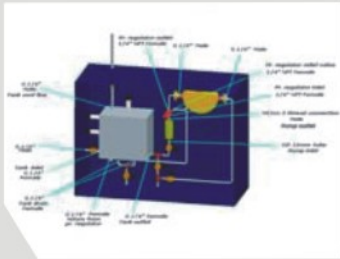
STORAGE -

- Separate building, container or laboratory
- Designed to meet legislative/safety requirements
- Storage separation based on gas properties

POINT-OF-USE -

- Type of regular (wall or bench)
- Outlet connection (6, 8, 10 mm tube or other)
- Outlet pressure and flow

Project Management — Concept to Commissioning



From Concept & Engineering



Project Management



Till you work on it

CLIENTELE

Since inception we have established key customers in various industries like Chemical & Petrochemical, Pharmaceutical, R&D, Automotive, Bio-pharmaceutical, Semi conductor etc. Here are some of our esteemed customers.

					
Advinus Therapeutics Limited (A TATA Enterprise)	Air Products Fuel Cell, USA	AREVA France	Brahmaputra Cracker and Polymer Limited	FEV India Pvt. Ltd	Halliburton Technologies Center
					
Honeywell Automation India Limited	Horiba India Limited	Indian Institute Of Technologies (IIT)	Integral BioScience Pvt. Ltd.	Indian Oil Corporation Ltd., R&D, Faridabad	Lupin India Limited
					
National Institute Of Solar Energy (NISE), Delhi	National Chemical Laboratory	Praj Matrix R&D	Sandvik Asia Private Limited	Serum India	Sudarshan Chemicals Limited

Address : S.No.36, Aai Building, Near Sharada Vidyalaya, Off. L.B.S. Road, Senadatta Peth,
Pune - 411 030, Maharashtra, INDIA Contact : +91 988 171 9779
E-mail : abprocesstech@gmail.com / info@abprocesstech.com
Website : www.abprocesstech.com