

*From on idea to a solution
through Automation*



A & S AUTOMATIONS



PW Generation Plant | PW & WFI Loop Distribution Skids | Storage and mixing tanks |
PLC/SCADA Panels | Process Plant Automation | Data Centralization | IIoT Development



"Innovating Pure Water Solutions for Tomorrow's Pharma."

A & S Automations is a leading manufacturer specializing in **Pure Water Generation Systems** for the pharmaceutical industry. With a strong focus on innovation, reliability, and compliance, we design and build systems that meet the stringent requirements of GMP, WHO, and regulatory standards. Our expertise covers the complete range of water systems including Purified Water (PW), Highly Purified Water (HPW), and Water for Injection (WFI) systems. Each unit is carefully engineered to ensure optimal performance, energy efficiency, and long-term durability, meeting the high-quality demands of pharmaceutical manufacturing and laboratory environments.

Quality is the foundation of every project at A & S Automations. We follow a rigorous quality control process at every stage—from design and fabrication to testing and validation—to ensure that every product delivers precision and consistency. In addition to water system manufacturing, we offer advanced automation solutions that enhance process control, productivity, and traceability in industrial plants. Our team's commitment to excellence, use of cutting-edge technology, and customer-centric approach makes us a trusted partner for industries seeking efficient, reliable, and future-ready automation and water system solutions.

1. Customer-Centric: Our clients are at the heart of everything we do. We listen, understand, and anticipate their needs, striving to exceed their expectations with personalized and efficient solutions.
2. Integrity: We uphold the highest ethical standards in all our interactions, fostering an environment of trust, transparency, and honesty with our clients, partners, and team members.
3. Collaboration: We believe that great achievements are the result of collective effort. We foster a culture of collaboration, encouraging open communication and teamwork to achieve common goals.
4. Excellence: We are dedicated to delivering nothing but the best. From product development to customer service, we set high standards and are committed to excellence in all aspects of our business.



Products/Services we offer:

- Pure Water Generation Plant
- RO with EDI System
- RO with Mix Bed
- Purified Loop Distribution System
- Water for injection loop Distribution System
- CIP/SIP Units
- Storage and Mixing Tanks



“Reverse Osmosis (RO) & ELECTRO-DEIONIZATION (EDI) - Advance Technologies for consistent water quality”

A & S Automations stands distinguished by its superior engineering expertise and exceptional workmanship. Our team of highly skilled engineers and technicians brings decades of combined experience in the design, fabrication, and integration of Pure Water Generation Systems that meet the most demanding pharmaceutical standards. Every project is executed with meticulous attention to detail—right from 3D design and precision fabrication to assembly, testing, and validation. We use high-grade stainless-steel materials, orbital welding, and hygienic design principles to ensure reliability, cleanability, and long service life of our systems.

Our **workmanship reflects our commitment to perfection**. Each unit we build is not just a product but a result of dedicated craftsmanship and engineering innovation. We take pride in delivering systems that perform flawlessly under critical operating conditions. Our in-house automation experts ensure seamless integration of **PLC, SCADA, and IoT-based controls**, giving our clients complete control and monitoring capabilities over their processes. Through continuous improvement, technical excellence, and precision engineering, **A & S Automations** has earned a reputation for delivering systems that combine functionality, aesthetics, and durability—making us a trusted partner in the pharmaceutical and process industries.



At A & S Automations, we specialize in delivering precise and intelligent automation solutions that enhance efficiency, reliability, and control across industrial processes. Our systems are designed with advanced PLC, HMI, and SCADA integration, ensuring seamless operation and real-time monitoring. With a focus on accuracy, safety, and user-friendly interfaces, we provide tailor-made automation solutions that help our clients achieve consistent quality and optimized performance.

- Electrical Design
- Control System Design
- PLC/SCADA/HMI Development
- Servo Drive Configuration
- Data Centralization
- IOT Projects
- Customized Embedded System Design

IOT/ITOT DEVELOPMENT

The Internet of Things (IoT) connects smart devices, sensors, and machines to collect and exchange real-time data, enabling automation and intelligent decision-making across industries. Through IoT dashboards, users can visualize this data in an interactive and user-friendly interface—monitoring system performance, analyzing trends, and controlling devices remotely. These dashboards provide valuable insights that enhance efficiency, reduce downtime, and support predictive maintenance, making IoT a cornerstone of modern industrial automation and smart operations.

PROCESS INSTRUMENTS PRODUCTS



1. CONDUCTIVITY METERS
2. pH/ORP METERS
3. LEVEL TRANSMITTERS
4. TEMPERATURE SENSORS
5. PRESSURE TRANSMITTERS
6. TURBINE FLOWMETERS
7. UV SYSTEMS
8. FLOW DIVERTER VALVES
9. PNEUMATIC ACTUATED VALVES
10. RADAR TYPE LEVEL SENSORS
11. TOC ANALYZERS
12. PRESSURE GAUGES



PUMPS AND VALVES

1. HORIZONTAL MULTISTAGE PUMPS
2. HIGH PRESSURE PUMPS
3. CHEMICAL DOSING PUMPS
4. CENTRIFUGAL PUMPS
5. SS 316L DIAPHRAGM VALVES
6. SS 304 DIAPHRAGM VALVES
7. ANGLE SHEET VALVES
8. BUTTERFLY VALVES
9. SAMPLING VALVES
10. METAL TUBE ROTAMETERS
11. ACRYLIC ROTAMETERS
12. BALL VALVES



RO MEMBRANES AND FILTERS

1. RO MEMBRANES
2. CARTRIDGE FILTERS
3. VENT FILTER CARTRIDGES
4. SS FILTER HOUSINGS
5. FRP VESSELS
6. SOFTENER RESINS
7. MGF MEDIA
8. MIXBED ANION & CATIONS
9. MULTIPORT VALVES
10. DISTRIBUTOR VALVES





AUTOMATION PARTS

1. PLC CONTROL PANELS
2. IPC PANELS
3. SMART HMI
4. VARIABLE FREQUENCY DRIVES
5. SERVO DRIVES
6. SWITCHGEAR CONTROL ITEMS
7. INDUSTRIAL NETWORK SWITCHES
8. MODBUS DEVICES
9. IOT GATEWAYS AND OTHER DEVICES
10. EMBEDDED CONTROLLERS



AUTHORIZED DISTRIBUTOR



BCH
ELECTRIC
LIMITED



OUR HONORED CLIENTS





At A & S Automations, quality is at the heart of everything we do. We are committed to delivering world-class Pure Water Generation Systems and Advanced Automation Solutions that meet the highest standards of performance, reliability, and compliance for the pharmaceutical and process industries.

Our focus on precision engineering, innovation, and continuous improvement ensures that every product we manufacture and every solution we design reflects our dedication to excellence. Through rigorous testing, skilled craftsmanship, and strict adherence to international quality norms, we guarantee systems that perform flawlessly and consistently exceed customer expectations.

We believe that true quality lies not only in superior products but also in customer satisfaction, timely delivery, and long-term reliability. At A & S Automations, we engineer trust — one system at a time.

QUALITY APPROVED CERTIFICATE

Certificate No: QA/ASA/2025/001

Date of Issue: 04 August 2025

This is to certify that

A & S AUTOMATIONS

**Plot No-8, Khasra No. 2282, Suman Nagar Road,
Behind Santosh Vatika, Mohd Alipur, Bahadrabad,
Haridwar – 249402, Uttarakhand, India**

**has been assessed and found to comply with the requirements of
Quality Management and Product Conformance Standards**

For the scope of:

- Design & Manufacturing of Pure Water Generation Systems
 - Process Automation & Control Solutions
 - Adherence to Pharmaceutical Industry Standards
- Commitment to Continuous Improvement and Customer Satisfaction

Quality Statement:

A & S Automations demonstrates a strong commitment to quality, innovation, and compliance. The company maintains a consistent approach to engineering excellence and customer satisfaction through its effective implementation of quality control measures and continuous improvement systems.

Issued By:

GLOBAL QMS CERTIFICATIONS PVT. LTD.

(Registered Quality Management & Compliance Division)

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