

RSK
RSK Automation Systems

RSK



COMPANY PROFILE

RSK AUTOMATION SYSTEMS was established in the year 2016 and has been serving the Indian industries with distinction.

The company office situated in **Plot No. D-4, Industrial Area, Focal Point, Sangrur**. The company is committed to offer cost-effective and complete instrumentation, automation and energy management solutions to a wide range of industries.

As one of the leading engineering solutions helping its customers use resources effectively and increase industrial productivity with sustainability.

We are working for erection and commissioning along with control wiring of control panels, PLC panels, DCS panels and power panels, providing engineering services and customer training.

It also undertakes marketing of engineering products and supply of various Process instruments, Instrument accessories, Control Systems, Automation System and other products in the field of Power, Sugar, chemicals, pharmaceuticals, petrochemicals, biotechnology, food & beverage, Paper, Telecommunication, Cement etc from manufactures with most reliable component.

Our Team Member,s



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OBJECTIVE

- To always conduct fair, honest business.
- To give the best possible customer service.
- To make lasting business relationships through established trust and reliability.
- To continuously strive to bring our customers the best deals on industrial instrumentation and automation products.
- Develop enthusiastically satisfied customers all the time.
- Contribute positively to our communities and our environment.
- Customer Satisfaction through improved quality and timely delivery of supply and services

CORE VALUES

- Provide a great work environment and treat each other with respect and dignity.
- We all act like owners, treating the company's assets as our own and behaving with the company's long-term success in mind.
- Embrace diversity as an essential component in the way we do business.
- Apply the highest standards of excellence to the purchasing, testing, calibrating and delivery of our Instruments and on time delivery of products and services.
- We build our organization from within, promoting and rewarding people without regard to any difference unrelated to performance.
- We are all leaders in our area of responsibility, with a deep commitment to deliver leadership results.
- We focus our goals to achieve leadership objectives and strategies
- We have a compelling desire to improve and to win in the marketplace.
- We respect our colleagues, customers, and consumers and treat them as we want to be treated.
- We have confidence in each other's capabilities and intentions. And we believe that people work best when there is a foundation of trust.

OUR PRODUCTS AND SERVICES

PRESSURE INSTRUMENTATION

- Pressure Transmitter with adjustable range (PT).
- Pressure Transmitters with fixed range (PT).
- Pressure Gauges (PG).
- Pressure Switches (PS).
- Differential Pressure Transmitters (DPT).
- Differential Pressure Gauges. (DPG)
- Differential Pressure Switches (DPS)
- Estimation, Design of Instrument Erection Hookup.
- Diaphragm seal flanged type Transmitter.
- Multivariable Transmitter



TEMPERATURE INSTRUMENTATION

- RTD
- Thermocouple.
- Industrial Thermometers.
- Use and throw Thermometers.
- Non Contact Infrared Thermometers.
- Temperature Transmitters Head Mounted.
- Temperature Transmitters Field Mounted.
- Temperature Transmitters Panel Mounted.
- High Temperature Calibrators.
- Temperature Gauge.
- Temperature Switches



CONSISTENCY TRANSMITTER

- Basis Gate Valve
- Consistency Controller
- Set Point Controller

FLOW INSTRUMENTATION

- Differential Pressure Transmitters (DPT) Orifice.
- Magnetic Flow Meters.
- Mass Flow meters.
- Vortex Flow Meters.
- Ultrasonic Flowmeter
- Flow Switches.
- Insertion Type Flowmeter. Rotameter.
- Turbine Flow meters.



LEVEL MEASUREMENT

- Hydrostatic Level Measurement.
- Differential Pressure Transmitters (DPT) Level Measurement.
- Diaphragm seal flanged type Transmitter
- Capacitance Level Measurement.
- Ultrasonic Level Measurement.
- Rader Level Measurement. Continuous Level Measurement systems.
- Rotating Paddle Level Switch.
- Vibrating Fork Liquid Level Switch.
- Level Gauges.
- Level Switches



DRIVES

- Variable Frequency Drives DC Drives.
- Drive Panels



PANELS

- SWAS Panels.
- PLC Panels.
- DCS Panels.
- Instrument Panels.
- SWAS Panels.
- Turbine Gauge Panels.
- AC & DC Panels.
- Signal Distributors



GAS AND LIQUID ANALYZERS

Conductivity Analyzers. pH Analyzers.
Multi-Electrode Conductivity Analyzers
Total Organic Carbon (TOC) Analyser.
Density Analyser.
Humidity Analyser.



CO2 Analyzer (Flue Gas).

Dissolved oxygen (DO) analyzers. Oxidation-reduction potential (ORP) Analyzers.
Turbidity Analyzers.
Chlorine Analyzers.
Zirconia Oxygen Analyzer In-Situ (Insertion)
Oxygen Analyzers.
Extractive Flue Gas Analyzers.
Premix Combustion Analyzers.
Portable Stack Gas Analyzers. Ozone
Ambient Gas Analyzers.
Dissolved Ozone Gas Analyzers in water.
Hazardous Area Zirconia Oxygen Systems.
Sampling Systems.



PROCESS INDICATORS AND RECORDERS

Bargraph, Analog and Digital Indicators.
Process Indicators.
Scanners Annunciator.
Video Graphic Recorders.
Strip chart recorders.
Paper Recorders.
Paperless Recorders.
Circular Cart Recorders.
Temperature Indicators.
Process controllers.
Single Loop Controllers.
Multi-loop Controllers.



CONTROL SYSTEMS TO PROCESS AND BATCH INDUSTRY

Distributed Control System (DCS).
Programmable Logic Controller (PLC).
Panels for DCS, PLC, Controllers.
Graphic and Logic Development.

CONTROL ELEMENTS

Control Valves.
Solenoid Valves
Power Cylinders.
Pressure Reducing Stations (PRS) Pressure Reducing and Desuperheating Stations (PRDS).

TRANSDUCERS, SWITCHES & SENSORS

Current Transducers.
Power Transducers.
Frequency Transducers.
Photo Sensors.
Conductivity Sensors.
Inductivity Sensors.
Photo Switches.
Pull Card Ropes and Switches.
LED Indicators.
Air Velocity Sensors.

ENGINEERING & CONSULTANCY

Erection and Commissioning of Instrumentation & Control Systems.
Calibration of Instruments. Plant Layout - C&I.
Process Flow Diagrams - C&I.
Process equipment Data Sheets-C&I. Control Room Layout. Field Panels Earthing Schemes- DCS, Instruments Power Distribution Schemes.



SERVICES

- Annual Maintenance Contract of Telecom Industries of Any Type PIU.
- New Tower Sites Installations Only Electrical Works.
- Repair of Power Plant.
- Servo Stabilizer Repair.
- ACPDB Panel Repair.
- AMF Panel Repair.

CUSTOM DESIGNED CHEMICAL DOSING SYSTEMS



POLYELECTROLYTE DOSING SYSTEM



FERROUS SULFATE DOSING SYSTEM



CHLORINE DOSING SYSTEM



MIST GENERATION UNIT



PHOSPHORIC ACID DOSING SYSTEM



BOILER CHEMICAL DOSING SYSTEM



SODIUM DOSING SYSTEM



ALUM DOSING SYSTEM



LIME DOSING SYSTEM