

**Reach The Peak** 

A Leading Automation Company in India. We Provide Expert Industrial Automation Solutions in Design & Engineering, Manufacturing, Supply, Manpower Services, and Erection, Installation & Commissioning Services.



Automation Pvt. Ltd.

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#### **About Us:**

<u>VALSTEM</u> Automation is Leading Automation Organization in the field of Industrial Automation in India and International.



**VALSTEM** provides expert Turn-key Industrial Automation Solutions. Delivering quality work to maintain our customer base has been key aim to **VALSTEM** growth.

We believe in long-term relationships with our clients where we work as a cost effective satellite office. We consistently thrive to **deliver quality output**, **stick to** 

project schedules, and always offer very competitive rates.

#### **Our Expert Team:**

The Team of VALSTEM is having robust and expert knowledge in the field of Design, Engineering, Supply and Project Execution. The promoters & co- founders are having rich and profound experience in Electrical and Instrumentation. <a href="VALSTEM">VALSTEM</a> leaders have executed more than 50+ Domestic projects and 15+ International Projects for Industrial Automation, Material Handling, Power Plant for customers all over the world in their career tenure.

#### Some of the industry verticals that benefit from our skills are:



#### **Design & Engineering Services:**

We at <u>VALSTEM</u> always transform ourselves in line with customer's requirement, In Design & Engineering services accuracy **save's the time and cost** hence we <u>VALSTEM</u> provide our best designer and engineering resource to optimized rework and extend ourself possible accuracy towards the 100%.

\*P&ID \*Cable Schedule \*Hook Up drawing\* Graphics \*Loop Drawings \* IO Assignment \* Wiring Drawings \* Architecture \* Programming \* Control Logic \*HVAC Layout



# Turn key projects:

We <u>VALSTEM</u> supplies TURNKEY solutions for Industrial Process & Factory Automation for a wide domain spectrum. Our turnkey solutions spans all phases starting from the concept design, to manufacturing, programming and testing, to customer training, erection, installation and commissioning.

\* EPC Companies \* Power Plants \* Steel Plants \* Pharmaceuticals \* Chemical Industries \* Cement Industries \* Agriculture Industry \* Oil & Gas Industry \*Automobile Industry



## Manufacturing & Fabrication:

Using automated manufacturing processes, <u>VALSTEM</u> can achieve an unparalleled level of quality. However, increases in quality and consistency are not the only advantage of automation. Automating the manufacturing process greatly **reduces per piece costs by the minimizing labor to make the part**.

# \*PLC Panel\* LT / HT Panels \*Marshalling Panel \*Relay Panel \* VFD Panel \* Power Distribution Board \*Junction Box \* ACDB Panel \*DCS Cabinet



#### **Manpower Services:**

At every step of the work, higher quality manpower solutions ensure by us with the use of the latest methodologies and high proficiency. Using our right manpower services, we bring a unique focus on everybody's goals, resources and schedule of each project. \*Electrician \* Instrument Engineer \* Site Engineer (Onshore / Offshore) \* Programming / Commissioning Engineer \*Experienced Engineer / Trainee Engineer



# **Control Panel Integration:**

Setting up your control system for any manufacturing facility requires meticulous efforts in terms of thought and planning into Control Panel engineering, integration, wiring and design. Our control panel integration services include:

- 1. DCS (Distributed Control System: (Honeywell/ABB/Siemens/Emerson/Rockwell)
- 2. PLC Control Panel (Honeywell/ABB/Siemens/Emerson/Rockwell/Yokogawa)
- 3. Marshalling panels
- 4. Power Distribution Panels
- 5. Instrument Control Panel
- 6. Relay Panel
- 7. Network Panel
- 8. MCC Panel
- 9. LT Panel



10. VFD Panel

#### Field Engineering:

We undertake detail field engineering services backed up with site commissioning support which includes, Instrument and Junction box support and location drawings, erection, installation and commissioning of instruments like **detectors**, **gauges**, **transmitter**, **switches** etc.

Instrument hook-up drawings, Design of Cable tray layout as per plant layout, Cable tray support and fabrication detailed drawings.



#### **Site Installation & Commissioning:**

The correct installation of electrical enclosures, equipment and systems is vital for achieving specified functional performance, safety and efficiency. Our highly qualified and accredited engineers are always ready to meet any urgent needs, provide support and give practical advice, while at the same time ensuring utmost consistency and reliability of our services.



\*Site Erection & Installation Work \* Licensed Electrical Contractor \*Panel Erection & Installation \* Cable Laying & Termination Work \*Field Instruments Installation

## Repair & Retrofitting:

<u>VALSTEM</u> have experienced service technician's team which will respond in a timely manner to any electrical or mechanical problems that might be halting your production. Our expertise in preventative maintenance programs, laser calibration, application programming, leveling, and machine tool geometry will ensure your equipment is operating at its full potential. This will enable you to get your machine back in production as quick as possible. And as we all know "Time is Money!"

# \*Repair & Retrofitting of panels \*Modification & Change Over of System \*Testing & Fitting



#### **Training & Placement:**

- To develop skilled workforce with diversified talent at implementation level in the areas of Automation, Process Control
  - System Engineer Honeywell DCS/PLC, Rockwell PLC, RTU.
  - Site Engineer Field instrumentation erection and commissioning activities.
  - Graphics Engineer- Static and Dynamic SCADA and HMI design engineer.
  - Network Engineer- Industrial PLC/DCS system network.
  - CAD Engineer- GA/Panel drawings, Loop Drawings, System drawings.
  - Project Engineer- Supervision and execution of I&C project.







<u>VALSTEM</u> generic teaching methodology and focus on practical training has helped it gain strong foothold in Indian industry. Our mission is to give the BEST to the Industry by providing best in class training from the masters of the industry. We also aim at providing a 100% placement through our trusted entity, <u>VALSTEM</u> Automation Pvt.Ltd.

