

# *Alo*

## ***ALL IN ONE AUTOMATION***

*A Turnkey Solutions for Instrumentation and Electrical*



***SUPPLIER AND SERVICE PROVIDER FOR ALL  
INDUSTRIAL / MARINE SOLUTIONS***

*PLC & Motion Controls, Calibration & support services,  
Marine automation*

*Factory Automation, Application Engineering, Electric  
control Panels,*

*Safety Automation, Engineering Services and Software  
Solutions*

### **Registered Office:**

**Shop No.304, 3rd floor, plot no.14, Bhumi Square  
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## Introduction:

**All in one automation as** one of the well known & reputed SUPPLIER AND SERVICE PROVIDER to offer

Instrumentation & Electrical Installation Services all over India and abroad with advanced Automation and

Technical needs of clients. We have offer Comprehensive Engineering Services that served various industries like

Oil and Gas, Power, Fertilizer, Chemical, Water, Life science etc. with vast experience and knowledge of the

Industry. The company aspires to gain a reputation of being the first choice of clients for **Turn-Key Project**

**Management** through our quality service. We grow by drawing on the creativity, strengths & abilities of every team

Member of the company.

### About Us:

**AIO** originally started with providing Installation and commissioning services in various process industries. Over the time, encouraged by customers for its expertise and professionalism, it grew quickly and diversified into Detail

Engineering and system integration of PLC, DCS, Drives, MCC/PCC, Air & Water Analyzers and Metering skids.

Today **AIO** is a leading Turnkey solution provider for Electrical, Instrumentation and Automation solutions. SKI has

provided solutions to almost all process industries like Oil & Gas, Refineries, Petrochemicals, Fertilizers, Steel,

Power, Paper, Cement, Pharmaceuticals, Waste Water and Sugar Industries. A quality and time conscious company,

We managed by qualified professionals experience and depth of expertise in various process verticals. We are

Specializing in speedy execution of turnkey projects right from detail engineering to procurement, manufacturing,

testing, installation, commissioning and servicing. We also undertake annual & shutdown maintenance contract & also

Supply skilled technical manpower on deputation basis as per requirements of our client.

### OUR VISION:

Answer for industrial automation & Control systems, electrical solution to customers in the field of Chemical,

Pharmaceuticals, Power, Water, Sugar, Petro chemicals & Utilities and several other sectors, AIO works in close relationship with its customers to improve their efficiency, competitiveness and productivity. **AIO** was established as a sole partnership to Manufacture and supply a wide range of Control Panels, Like PLC, DCS, Fire Alarm, Electrical AMF Panels, MCC, IMCC, and PCC Panels. We are also providing Erection & Commissioning and complete turnkey solutions. At **AIO** we have the most favorable combination of People, experience and professionalism adds value to our products. We work in harmonization with our clients and have proved our proficiency and skills time and again. We maintain healthy working environment and co-ordinate well with each other to carry out the assigned work within the predestined time period. Our company follows fair business practices and works towards providing optimum quality products at viable prices. We bring about innovatory approach through resilience, guarantee, accuracy, group effort and honesty to achieve consumer satisfaction.

### **TURNKEY AUTOMATION SOLUTIONS:-**



- System Design and Engineering
- Erection and Commissioning
- Site Management and Monitoring
- Balance of Plant Instrumentation & Automation

## TURNKEY ELECTRICAL SOLUTIONS:-



- Electrical BOP for Power & Process Industries
- LV Switchgear
- AC/DC Distribution System
- Batteries & Battery Chargers
- Illumination System
- AC/DC Drive System

## SYSTEM INTEGRATION:-



- Control and Relay Panels
- PLCs and DCS
- Integration with Field Instruments
- Water and Gas Analyzers
- Metering Skids and Valve Racks
- SCADA System, Intelligent RTUs
- Instrument Data Sheet
- Loop Schematics
- Single Line Diagrams
- Termination Drawings

- Cable Schedules

- **Hook-up Diagrams**

## **ERRECTION & COMMISSIONING:-**

- Instrument Installation
- Cable Routing, Cable Gladding & Termination
- Support Fabrication
- Calibration And Support services
- Electrical control panel and Drive panel

### **Our expertise in the areas of Designing, Development and Commissioning**

- DCS System for Process Industry, Pharama, water treatment, Effluent treatment plant, Boiler & Coal Handling plant
- PLC ,HMI and Drives systems for material handling & Package / Unit operations units like, *Air Compressor, Dryer, CIP*
- Selection, Sizing, Specification, for Filed instruments
- Expertise in Latest instrumentation systems Foundation Filed bus, Profibus, Device net, Remote IOs and Wireless HART
- Hook -up drawing for instrument, Cable Tray layout, JB layout and working of BOQ
- Designing, of Electrical Panels like APFC, PCC, MCC, IMCC
- Calibration services of Instruments offline and at plant location by master instruments
- Solutions for Process Industry like designing and Selection of process Equipments, HEs, Graphite HEs, Evaporators, Condensers, Pumps, Pipe line sizing, Scrubbing System & Preparation of PFDs, P&ID.

### **Our Product Range**

- Industrial Automation
- Control Panels and control desk
- Electrical Panels, PDB / DB Panels
- VFD Panels and PLC / DCS Control panels
- PLC based control Desk with HMI / SCADA
- Customized solution for Liquid filling, Drum, Carboy, IBC and ISO with 0.1% Accuracy / Custody Transfer Standard
- Remote I/Os control panels



- Design, development, up-gradation and troubleshooting of PLC and relay based panel, MCC & PCC power, AMF AND DG control panel and safety alarm panel, Start delta, DOL, VFD, auto transformer starter panel  
For motor, Capacitor panel for power factor correction.
- Automation solutions (PLC, SCADA/HMI and drive based solution) Automation solution process control and Monitoring, Alarm monitoring and control system, Fire alarm system, Machine automation and motion control, Building Automation (water distribution, fire alarm system and lighting control), Real time production Monitoring dashboard, Transformation monitoring system, Battery monitoring, Clean room monitoring, HVAC Monitoring and control system, Production monitoring and analytic system, Repair and up gradation of Existing control system Cable laying, control and power panel installation and commissioning.
- Engine Room Alarm monitoring system including safety trips, Generator control system, Cargo tank level and Temperature monitoring system, Cargo tank high/overflow alarm system, Cargo tank pressure monitoring System, Cargo oil pump temperature monitoring system, Pump room gas detection system and bilge alarm System, Boiler Automation combustion control system, Inert gas system, Ballast tank level gauging system, HC gas detection system, Fire Alarm system, Main Switch Board, Emergency switch board, feeder panel, bus Bar complete servicing, maintenance, analysis, MSB, ESB, Feeder panels, Control panels complete servicing And maintenance.

### **Our Strength:**

We are committed to deliver all the products to their destinations; within the stipulated time-frame. This Commitment has earned us a huge number of clients all around. Various other factors that make our company the Best in the segment of automation and instrumentation products are:

Pressure and temp Gauges Pressure and temperature Sensors



Pressure, temp, Level and flow Transmitter



Flow Meters



Level Sensor and Switches



Flow Switch



Temp Indicator & Controller Recorder



Pressure, temp Switch



Solenoid Valve Globe Valves



Diaphragm & Motorized Valve



Diaphragm & motorizes valve



Dead Weight Tester



Pressure calibrator





*mA/mv, tc and RTD CALIBRATOR PH/ORP, CONDUCTIVITY ELECTRODE AND TRANSMITTERS*



I/P & PI convertors, isolators, regulator, positioners, Flame



PLC



SCADA



HMI



## Electrical Spares

Terminal block switches

Ethernet switch

Pushbuttons & lamp



Contactor and MCB



VFD

SSR



## DIGITAL AND TRUE RMS MILLIMETER / MULTIMETER



MULTIMETER

### **Our Major Industrial and Machine Automation Projects:**

1. DM plant monitoring and control system integration with Allen Bradley PLC & HMI.
2. Monitoring system for Hydro unit and conning machine integration with Siemens PLC & HMI.
3. Control System for Hydraulic press machine, tube, sheet cutting and bending system.
4. Control system bottle/drum filling machine for water, silica gel, syrup, viscous liquid and jam.
5. Control system for cleaning machine for fabric and Monitoring and control system for Pump.
6. Alarm monitoring system for main engine and generator in Ship and Control system for dredger.
7. Drive and motor start panel, MCC, PCC and APFC PANEL for various application.
8. Integration for fire alarm system with existing DCS system.
9. Programming for boiler, Generator, IG, common alarm in ship and Control system for dredger.
10. Supply of control system for Yarn Drier system in Textile.
11. Flow monitoring and control system for flammable solvent in Pharma application
12. Transformer and Battery monitoring system.

### **Our Major Shipping Clients:**

1. PRIYA BLUE SHIPPING
2. GLOBAL OFFSHORE
3. ALPHARD MARITIME
4. ZEN SHIPPING
5. CAMPBELL SHIPPING
6. JUBILANT ENPRO PVT LTD
7. MICLYN EXPRESS OFFSHORE.
8. HOGGER OFFSHORE
9. HSM SHIP MANAGEMENT PVT LTD
10. NEW ERA SHIPPING PVT LTD

11. ESSAR SHIPPING
12. APJ SHIPPING
13. SHREE GANESH MARITIME

For,  
Sales & Service, Please Contact:  
Mr. Mubarak S Pathan (Proprietor)  
+91 9322316753.

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