



COMPANY PROFILE

PURVAX ENGINEERS
AHMEDABAD



ABOUT US :-

- ❖ **Purvax Engineers** is established to serve **Electrical, Automation and Instrumentation needs** of diverse industry sectors like Pharmaceutical, Food & Beverages, Dairy Chemical, Power, Oil & Gas, Petrochemicals, Steel, Ginning, Cement, Paper, Material handling & Commercial sectors.
- ❖ **We participate in the client vision**, We Design, Manufacture/Supply, Installation, commissioning and provide performance trial for Electrical and Automation systems of various projects, plants and machineries.
- ❖ We provide **services** like System integration, Trunk project Execution, Process control Automation etc.
- ❖ We have **Manufacturing facility** at Ahmedabad for various kinds of panels like PCC, MCC, PLC control panels, Instrument panels, APFC panel, MLDB, DCDB etc.
- ❖ We have **Executed** many projects for Commercial Building, Pharmaceutical Machinery, water & waste water industry, Material handling plants, cotton industry etc.

OUR SERVICES :-

We provide services in Industrial projects, Plants, Machineries & Commercial Buildings for various business verticals like,

♦ Consultancy Services:

- Consultation service for Electrical, Instrumentation and Automation systems.
- Preparation of various Tender drawings and documents, Engineering drawings and documents, Installation and commissioning manuals etc.
- Assistance for Material selection and Material procurement.
- Project execution, monitoring and cost control.
- Drawing and documents generation.
- Site Monitoring work.

♦ PLC, SCADA & DCS controls:

- Designing and document preparation of PLC, SCADA & DCS system.
- PLC, SCADA & DCS system and Components selection.
- System configuration diagram preparation.
- PLC and SCADA Programming.
- SCADA / Display screen preparation.
- DCS system cabling and networking work.

◆ Automation And Instrumentation work :

- P & I Diagram preparation
- Selection of Instruments like PH, Conductivity, Temperature, Flow, Pressure, Level, Weight, and Conveyor switches and other instruments.
- Instrumentation and Automation BOQ preparation.
- Instruments Data sheet preparation.
- PLC selection and specifications.
- Control and Instruments cable selection and specifications preparation.
- PLC I/O List preparation.
- PLC Alarms and interlock list preparation.
- Automation process logic write up.
- Defining of SCADA / Display screen.
- Control and instrumentation wiring Diagram preparation.
- Pneumatic system design and integration.
- VFD selection and programming.
- Logic diagrams preparation.
- Loop Diagrams preparation.
- Interconnect diagrams preparation.
- Process Equipment Automation.
- Installation and commissioning work at site for instruments, panels, cable, cable trays, pneumatic system and tubings, instruments earthing system etc.
- Mobile phone Controlled Automation System Integration.
- Wireless Security System integrations.

♦ **Electrical Engineering :**

- Cable tray and cable laying at field
- Lightning calculations
- Cable sizing and voltage drop calculations
- Cable tray sizing calculations
- Switchgear sizing calculations
- Fault level calculations
- Busbar sizing calculations
- Panel wiring diagrams preparation
- Tender specifications and material procurement specifications preparation
- Power factor improvement system design, supply and installation
- Fault finding and fault repairing in Power, control & Instrumentation panel & Machine in the Field.
- Installation and commissioning work at site for instruments, panels, cable, cable trays, pneumatic system and tubings, instruments earthing system etc.

♦ **Panel Building :**

- PCC / MCC / Main LT Panels
- BUSDUCT / BBT System
- APFC panel / AMF Panels / Synchronizing Panels
- MCB DB / AC DB / PDB / DCDB
- Instrument control panels
- PLC / DCS control panels
- Water and Waste water plant panels
- Machine Automation panels

♦ **Installation, commissioning and Trouble-shooting :**

- Installation of overhead and underground Ladder type, perforated type GI, FRP and SS Cable trays
- Laying of Power, control and Instrumentation cables
- Laying of Pneumatic tubing's
- Installation and commissioning of Panels
- Installation and commissioning of lighting system, earthing system. Lightning system etc.
- Conduiting work
- Cable Glanding and termination work
- Trouble shooting of Electrification, instrumentation and Automation system at site.

We served for Industries:-

- Water and waste water industry
- Pharmaceutical Industry
- Food, Beverages & Dairy sector
- Textile industries
- Power plants
- Commercial buildings
- Oil Gas & Petrochemical industries
- Ceramic industries

Few of our Customers:

- Indian Rayon (A group company of Aditya Birla)
- Indian Oil Corporation
- Reliance industries limited
- ONGC
- HLE Limited
- SKP BEARINGS
- GMM Pfaudler Limited
- Zydus Cadila Healthcare Ltd.
- Bhakti Infrasructure Pvt. Ltd.
- Shivalic projects
- Arvind mills Limited
- Pharmatech Process Equipments Pvt. Ltd.
- Torrent Group
- Anil Techno plus Limited (Anil Starch group)
- Envy international Limited
- Vifor India Pvt. Ltd

Contact us:

Office:

243, Shreyash complex,
Opp. Vejalpur Bus stop,
Vejalpur,
Ahmedabad – 380 050
Gujarat – India

Works:

69 – Ambika Industrial Estate
Beside Vatva Railway over bridge
Vatva GIDC, Phase – I,
Narol – Vatva Road, Vatva,
Ahmedabad-382445
Phone : +91 25895992

Contacts:

Hitesh Mehta - +91 8511000161

Email : hitesh@purvaxengg.com
hcmehta1@rediffmail.com,

Piyush Nakarani - +91 8511000160

Email : piyush@purvaxengg.com
nakarani_piyush@yahoo.co.in

Website: www.purvaxengg.com