



PURVAX ENGINEERS

ELECTRICAL, INSTRUMENTATION AND AUTOMATION SOLUTIONS



PANEL MANUFACTURING

**AUTOMATION WORK &
TRUNKY PROJECT EXECUTION**



**SITE INSTRUMENTATION &
ELECTRIFICATION WORK**



Website : www.purvaxengg.com

PANEL MANUFACTURING

- **MAIN LT PANEL / PCC PANEL**
- **MCC PANEL**
- **PDB / LDB / DCDB**
- **APFC PANEL**
- **DG – AMF PANEL & SYNCHRONIZING PANEL**
- **PLC / INSTRUMENTATION PANEL**
- **FIRE SYSTEM PANEL**
- **CONTROL PANEL / CONTROL DESK**
- **PROCESS MACHINERY CONTROL PANEL (SS & MS ENCLOSURE)**
- **WATER & WASTE WATER PLANT PANEL**
- **VFD PANEL**
- **BUS DUCT**
- **FLAME PROOF PANELS.**



MAIN LT PANEL/ PCC / MCC PANEL

We have designed PCC / MCC to control electric motors and other equipment from a central location or where power to be distributed for different equipment safely and reliably.

Type : Fixed type or Draw out type.

Rating : --32A-- to --6300---- Amp.

Bus bar : Copper / Aluminium.

Degree of protection : Ip52 & MORE

7 tank Chemical treatment Powder coated.



APFC PANEL

Automatic power factor correction system is installed at where load is inductive type like Motor , Large machines, Drives etc... to maintain power factor. Various type of capacitor use in panel.

DG – AMF PANEL

Automatic mains failure panel. This panel is used for automatic change over from main power to stand by Generator at time of power failure and again automatic changeover from Standby Generator to Mains power.



PDB / LDB / DCDB PANEL

Panels are design to ensure their efficient performance and reliability. These panels are used in power supply system for dividing the main supply into various secondary circuits .Panel boards provide protective fuse or circuit breaker to ensure the safety of the electrical appliances.

PLC/INSTRUMENTATION/ CONTROL PANEL :

We manufacturing wide range of control panel , PLC panels for various industrial application. These panels are available in different specification according to the requirement of clients. We manufacturing panels for various industries.



FLAME PROOF & WEATHER PROOF PANEL

Flame proof and weather proof panels are for various industries like, Pharma , Gas , Mines, Chemical, etc..These enclosures are approved by CMRI , BIS & CCOE.
Group : I, IIA & II B , IP – 65 / IP – 66



PHARMACEUTICAL PANELS WITH SS. ENCLOSURE

Pharma machinery panels for Liquid / Oral Machinery,
Packing / Labeling Machinery, Ointment Plant Machinery.



WATER AND WASTE WATER PLANT PANEL

Panels for Pure Water Generation & Distrubution System.
Waste Water Plant Panel.



: INSTRUMENTATION AND AUTOMATION WORK :

- P & I Diagram preparation
- Selection of Instruments like PH, Conductivity, Temperature, Flow, Pressure, Level, Weight, and Conveyor switches and other instruments.
- PLC I/O List preparation.
- PLC Alarms and interlock list preparation.
- Automation process logic write up.
- Control and instrumentation wiring Diagram preparation.
- VFD selection and programming.
- Process Equipment Automation.
- PLC, SCADA system and Components selection.
- PLC / SCADA / DCS Programming.

: PROJECT EXECUTION :

- Installation and commissioning work at site for
- Instruments, Panels, cable, cable trays, pneumatic system and Tubing , instruments earthing system etc.
- Mobile phone Controlled Automation System Integration.
- Wireless Security System integrations.
- Trouble shooting of Electrification, instrumentation and Automation system at site.

: OUR CLIENTS :



IndianOil



HLE Engineers Pvt. Ltd.



PURVAX ENGINEERS

ELECTRICAL, INSTRUMENTATION AND AUTOMATION SOLUTIONS

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