

WE DEALS IN:



GURUSON ENGINEERS

AN ISO 9001:2015 CERTIFIED COMPANY



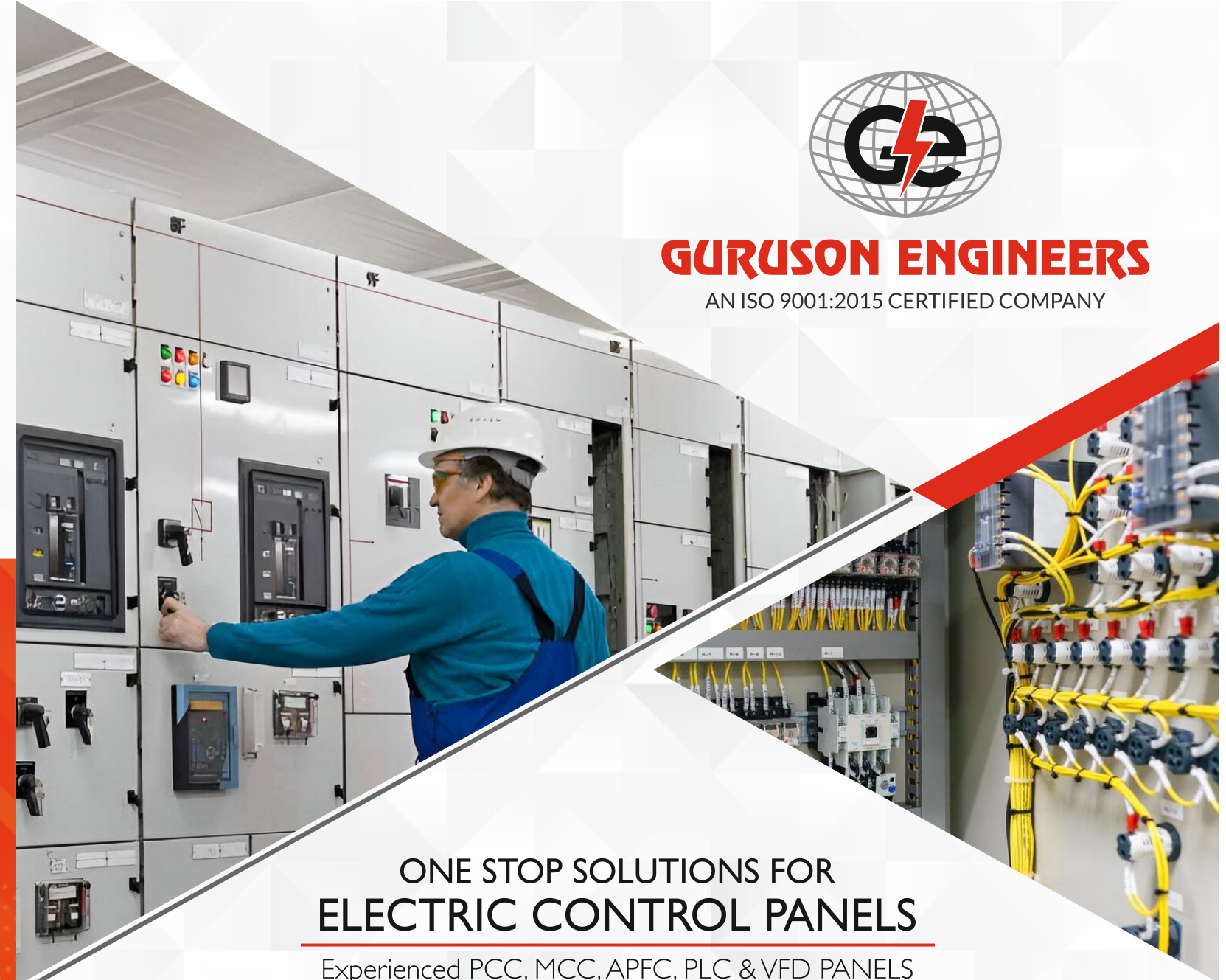
WE SERVE

INDUSTRIES:-

RICE PLANT
DYEING & TEXTILE
HYDRO POWER PLANT
STEEL & CHEMICAL UNITS
OIL/GAS REFINERIES
FEED PLANTS
PAPER MILLS, ETC.

COMMERCIALS:-

STORE & SCO
RESIDENTS
HOSPITALS
EDUCATION INSTITUTES
BANK & TELECOM
HOTEL & RESTAURANTS
SHOPPING MALLS



ONE STOP SOLUTIONS FOR ELECTRIC CONTROL PANELS

Experienced PCC, MCC, APFC, PLC & VFD PANELS
Manufacturer in India

Manufacturers & Exporters of All Kinds of Electric Control Panels

- > Power Control Center Panel
- > Motor Control Center Panel
- > Main LT Panel
- > Distribution Board Panel
- > Feeder Pillar
- > Auto Mains Failure Panel
- > DG Synchronizing Panel
- > PLC Automation Solution
- > VFD Panel
- > Bus Ducts
- > Automatic Power Factor Control Panel



GURUSON ENGINEERS

AN ISO 9001:2015 CERTIFIED COMPANY

Mahavir Jain Colony, Dyeing Complex, Opp. Central Jail, Tajpur Road, Ludhiana-141007, PB., India
Contact No.: +91-97792-17370, 75890-75011, 93164-14919
Email: gurusonengineers@gmail.com | Website: www.gurusonengineers.com

designed by
colfo
prints 9569061234



COMPANY BRIEF

Guruson Engineers has a extensive experience of industry and have expertise in the domain has enabled us to manufacture, supply and export a vast variety of Electric Control Panels. We are highly reckoned in the global market for our unbeatable quality products, competitive pricing policy and prompt delivery schedules. The wide gamut of products offered by us includes Power Control Center Panel, Motor Control Center Panel, Instrumentation Panel, Automatic Power Factor Control Panel, PLC Panels, Control Desk Mimic Panels, Transformers Control Panels and many more.

Mission:-

To work in an environment with perfect blend of planning & execution for meeting the challenges of changing environment & competition. We commit ourselves to offer quality services with safety, integrity, flexibility & innovations. We value our manpower & train them to work professionally with team spirit.

Vision:-

To enhance customer satisfaction by delivering consistent quality products with active involvement of all employees and continuous improvement in its effectiveness.

Salient Features of Electrical Control Panels

CONSTRUCTION FEATURES :

The panel will be metal enclosed, sheet steel cubical pattern, extendable type dead front, floor / wall mounting type & suitable for indoor/outdoor mounting.

The panel boards will be fabricated with CRCA sheet steel of thickness not less than 1.6 / 2.0 mm and will be folder and braced as necessary to provide a rigid for all components. The doors and covers will be constructed from CRCA sheet steel of thickness 1.6 mm. Joints of any kind in sheet metal will be elect. Welded and all welding slag ground off and welding pit wiped smooth plumber metal.

All panels and covers will be properly fitted and square with the frame. The holes in the panel will be correctly positioned.

Fixing screws will enter holes tapped into an adequate thickness of metal or provided with hank nuts. Self-threading screws will not be used in the construction of the switchboards.

The panel boards will be totally enclosed type, dust and vermin proof. Synthetic rubber gasket between all adjacent units and beneath all covers will be provided to render the just and vermin proof to provide a degree of protection of IP 45. All doors and covers will be fully gasketed with synthetic rubber and will be lockable.



Power Control Center Automative Panel



VFD Panel (Outer)



PCC Panel



Feeder Pillar



Distribution Panel

WIRING & TERMINATION

Different type of harnesses are being used for various starters meter wiring etc, as per IS-8623 standards. All components/instruments in the panel are leveled with proper marking which enable even a layman to repair the equipments. The standard harnesses enable easy interchangeability of feeders 1 / 1.5 sq mm copper flexible wire is used for control wiring. All cable ends are thimble and starters are wired up to ready to use termination point.

Different type of harnesses are being used for All panels shall be completely factory wire ready for connecting to the equipment. All control wiring will be done by PVC insulated copper wire of sizes 1 / 1.5 sq mm fitted with identifications color ferrules Termination of wires on the both ends will be by using cable lugs wiring shall be properly dressed bunched and supported by 'P' clips.

DOOR HINGES & KNOBS

The doors are designed specially to provide total sealing. The door hinges are designed to accommodate the door on easily recoverable and replaceable pins with soft rubber gaskets for complete dust proof sealing.

PAINTING

The cubicles are chemically treated with pretreatment chemical i.e derusting, pickling and phosphating prior to two coats of zinc chromate with red oxide primer with putty work and with two final coats of light grey shade No. RAL 7032 or approved shade of customers. Each coat of paint well be properly stove & paint thickness will be not less than 60 to 80 microns.



Motor Control Center Panel

ACCESSORIES

All accessories used are of reputed makes companies and have been selected after vigorous scrutiny standards ensuring long life performance.

TESTING

Testing Facilities Available:

1. High Voltage Test
2. Megger Test
3. Conductivity Test
4. Continuity Test
5. Multi Meter Test

Servo Voltage Stabilizers



Inner View of Stabilizer

Servo Voltage Stabilizer is commonly observed that, AC main supply is never 230 Volt or 415 Volt, but varies from 150 Volt - 300 volt and 300 Volt - 500 Volt. The difficulties caused by them are well known, such as Over Load Condition, Line Losses, Poor Power Factor and several other reasons. Generally constant voltage which is required to load is never constant, but in fluctuation manner. It is observed that during the daytime, the voltage is quiet low and during the night the Voltage is high then the normal.

This fluctuation in supply system results frequent breakdown, low production and also loss of energy. The performance of any electrical equipment is optimum at its rated voltage. Both over / under voltages are harmful for the system. The under voltage reduces efficiency whereas the over voltage shortens the life.

In case of very Low / High voltages, the telecom systems are powered by DG sets. Our Line Conditioner Unit meets the requirement of input voltage variation from 110V - 280V (Single phase) and 300V - 500V (Three phase).

Cables & Cable Trays

