



AN ISO 9001:2015  
Certified Company

# GURUSON ENGINEERS



## Manufacturer & Exporter

All Kinds of Electrical  
Control Panels

- » Power Control 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

*Committed to Excellence*

## About Us

**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.

## Our Vision & Mission

- To gain visibility in the market as a quality company, exceeding customer expectations, proving excellent quality and being recognized as the most successful company in the Electrical Control Panel Industry working efficiently and effectively.
- To be a reputed global provider of reliable products. This is to be achieved, through being a participative, continuously learning and with focus on innovation and creativity.
- To create value for our customers, employees and comminutes through uncompromising quality and innovations with constant improvement.
- To understand, creatively interact & meet customer needs and offer all around services to customers, which represent the best value for money, so as to earn complete customer locality and facilitate access to expanding market.

## 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 and outdoor mounting.

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 loackable.

The panel boards will be fabricated with CRCA sheet steel of thickness not less than 1.6/2.0 mm & 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 1.6mm 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.

## 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 inter changeability 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.

All panels shall be completely factor 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 using cable lugs wiring shall be properly dressed bunched and supported by 'P' clips.



**AMF Panel**



## Power Control Center Automotive Panel



VFD Panel (Outer)



Distribution Panel



Feeder Pillar

### Door Hinges & Knobs

The door 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 & phosphating prior to two coats of zinc chromate with red oxide primer with putty work and two final coats of light grey shade No. 7032 or approved shade of customers. Each coat paint will be properly stove and paint thickness will be not less than 60 to 80 microns.

## Motor Control Center Panel



### Accessories

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

### Testing :

Testing Facilities Available

- ✓ High Voltage Test
- ✓ Megger Test
- ✓ Conductivity Test
- ✓ Continuity Test
- ✓ Multi Meter Test

**We Deals in :**



**We Serve**



**INDUSTRIES**

Rice Plant  
Dyeing & Textiles  
Hydro Power Plants  
Steel & Chemical Units  
Oil/Gas Refineries  
Feed Plants etc.

**COMMERCIALS**

Store & SCO  
Residents  
Hospitals  
Educational Institutes, Banks & Telecom  
Hotel & Restaurant  
Shopping Malls



**GURUSON**  
**ENGINEERS**

**Mfrs. of : PCC, MCC, APFC, PLC & VFD PANELS**

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