



<b>Company Name:</b>	<b>ORBITRON ELECTROMECH ENTERPRISES</b>
<b>Address:</b>	<b>Ram Nagar Road No 28 Wagle Estate Thane, Near Shiv Sena Office, Thane - 400604</b>
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<b>Mail Id:</b>	<b>orbitronelectromech@gmail.com</b>
<b>GST TIN:</b>	<b>27BWAPN6717Q1ZV</b>

## **Team Member:**

### **Shri: Shivaji Manikrao Barge**

(Fabrication Enclosure Specialist has 23 years hands on experience and he is most technical person part of the team member.

### **Miss: Pooja Dilip Nawadkar**

(B.E E &TC Embedded Cum Software Developer)

### **Shri. Digvijay Shivaji Barge**

(B.E electrical/ Designer / consultant)

Has 10 years of experience in Design and since 6 years, he is independently handling M/s. Industrial Electricals/ electronics Circuit Design & Chemical Project. The company has successfully installations Project as on today, all across In Maharashtra. They are based on the effective Quality Management System and proper approach process employed in the Organization. Digvijay Barge vision of Indian Electrical Panel Industry that integrated and streamlined into M/s Industrial Electricals' mission. It also has practically ensured Customers' loyalty best in line towards the Company's goodwill & reputation.

## About Us:

Orbitron Electromech Enterprises considered as a foremost Manufacturer and Service Provider like Electrical Cabling / Cable tray Laying / Panel Installation/ Panel maintenance / Electrical AMC in presenting a comprehensive assortment of Industrial Control Panels, Industrial Drive Panels and much more. These products are manufactured by following the guidelines and values set by the market and employing the best grade components and advanced technology. Owing to this, the available range is recognized to have excellent performance, long working life and sturdiness. Additionally, the presented variety is marked at the most inexpensive rate possible.

We also engage in electrical product installations, testing and commissioning, preventive maintenance, automation, and energy saving solutions. Our commitment is to deliver outstanding results that will exceed your expectations.

We look forward to providing our services and products to your company. Rest assured that we live by our service commitment: Delivering Results, Exceeding Expectations.

### **We have manufactured LT Control panel like:**

- A) Motor Control Centre Panel ( MCC Panel)
- B) Power Control Centre Panel ( PCC Panel)
- C) Automatic Power Factor Correction Panel ( APFC Panel)
- D) Hooter Panel.
- E) PLC & SCADA Base Control Panel.
- F) Desk & Instrument Panel.
- G) Distribution Box.
- H) Fire Alarm System Panel.
- I) Solar System Panel.
- J) Meter Board / Feeder Pillar / AMF Panels

**We are specialist in control panel Like STP MBR System / ETP / ZLD Zero Liquid Discharge / WTP.**

## **A) Power / Motor Control Central (PCC / MCC) Panel :**

**We are specialist in control panel Like STP MBR System / ETP / ZLD Zero Liquid Discharge / WTP.**



We are one of the best manufacturers and suppliers of power control center (PCC / MCC) panels that are made of quality raw material and are very well-built in construction. These are used in diverse industrial applications and successfully installed in various industries in Maharashtra (Mumbai/Pune Thane).

Power / Motor Control Centers for the Distribution of Power to inside of the Plant. The PCC / MCC Panels are available in non-draw-out type. The Ratings are from 100 Amps to 6300 Amps. They are manufactured as client's specifications, meeting all the industry Norms and Regulations. These panels are designed keeping reliability Innovation and highest controllability as prime factors.

## **B) PLC & Scada Panel (Program Logic Control Panel) :**



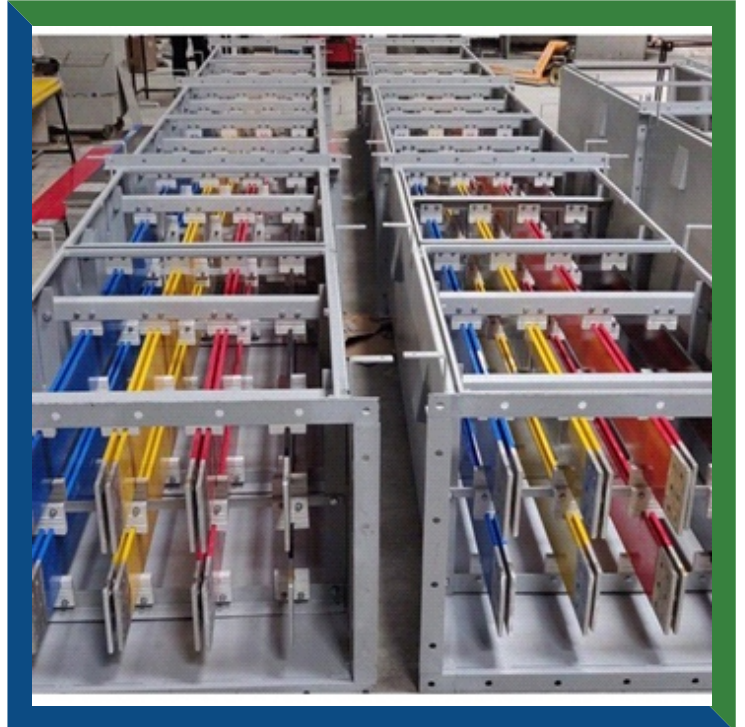
We are PLC control panel manufacturers in India. With thorough comprehending in this industry, we are focused towards offering to our clients a world class collection of PLC Control Panel.

Programmable Logic Controller (PLC) control panel that we create is also called PLC Automation Panel, which is one of the most important and capable types of control panel. We are a series of PLC Panel Manufacturer in accordance with industrial process specifications and requirements. The construction of PLC Panel Manufacturer is highly efficient which provides high output in low power consumption. Digital control automation and control to provide industry-specific end-to-end process processing applications. Through our experience, we are receiving engineering excellence in the control room across India; Our PLC Panel Manufacturer is designed with the latest safety and high quality of raw materials with high safety standards. PLC Panel Manufacturer is the best software for industrial application, which is designed and structured for the control of manufacturing processes.

## **C) Bus Duct (Aluminum / Copper) :**

We manufacture best quality High Tension (HT) & Low Tension (LT) Bus Duct's in various industries in Maharashtra (Mumbai /Pune /Thane. We are pioneers in design, engineering & manufacturer of various types of bus ducts and bus trucking systems. Our Non-segregated bus ducts with inter leaving design, provides flexible power distribution solutions for a variety of applications where change and adaptation are important.

The Ducts are aptly designed for indoor and outdoor installation with IP: 55 degree of protection. All our bus duct systems are type tested. We are pioneer in design, engineering & manufacturer of various types of bus ducts and bus trucking systems.



## **D) APFC (Automatic Power Factor Correction Panel) :**



We manufacture best quality Automatic Power Factor Control (APFC) Panels in various industries in Maharashtra (Mumbai /Pune /Thane. These are useful in saving power and we can improve efficiency of Plant power factor by installing our APFC Panel.

Power factor correcting panels improves the power factor which intern improves the power quality. Also leading to increase in the efficiency of power supply, delivering immediate cost savings on electricity. Power Factor can be explained as ratio of active power to apparent power and it is a key factor in measuring electrical consumption.

These are incorporated with advanced microprocessor relays to ensure accurate power factor correction. Design facilitates easy connection, ample space for capacitors, efficient heat dissipation, and protection against of capacitor bank before it is fully discharged.

## **E) Electrical Contracting Service / Design & Consulting :**

We provide Electrical Contracting Services for different types of industries Like Oil and Gas, Power, Fertilizer, Chemical, Water, Life science, Petrochemical, Refineries, Cement, LNG Terminal, Steel and Pharmaceutical, all manufacturing plant etc. Our expertise also includes:

- A) Plant Shutdowns, Commissioning Services.
- B) Supply & Installation of power equipment's like switchyards, motor control centers, high tension & low tension cable laying works, process & control equipment including hazardous area control systems, SCADA systems, DCS and PLC systems, fire and gas systems and process installation, termination & commissioning of indicators, transmitters and controllers, valves & other field instruments.
- C) Supply & Installation of bus duct, transformers, PMCC panels.
- D) Supply & Installation and commissioning of power generation equipment.
- E) Testing, calibration & loop checking through fully trained technicians with NABL certified testing equipment.
- F) Specialist knowledge on industrial projects for material selection and procurement related to electrical & instrumentation hardware material.

Orbitron Electrical aims to provide, testing & commissioning of all projects related to new and existing Industries, Power Plants and Infrastructure etc. We have the resources and experts to carry out the following tasks either in house or on site.

HV & LV Switchboards/Insulation Resistance Tests/Earth Testing Control & Relay panel wiring, modification & Retrofit. We have dedicated qualified and experienced Engineers and Supervisors to execute all Electrical Testing & Commissioning Projects in an efficient manner and within the given time schedules.