



Tesla Controls (India) Private Limited

Precisely Professional Perfection



I have no
special talent.
I am only passionately
CURIOUS.

- Albert Einstein



‘The Personality’

We at Tesla Controls (India) Private Limited are an enthusiastic and resourceful company into the manufacturing of electrical switchboards in India. We have a greater understanding of the varied industry needs with regard to safety, convenience and conservation. In the process of accommodating these diverse essentials, we uphold the highest standards as laid down by the Indian and International regulatory authorities for the respective products.

Our organization has been built over a decade of experience of our promoters in the fields of Industrial and Building Electricals. Our extensive knowledge in the fields of Electrification in LT/HT and Automation areas of multi-segment industries enables us in extending customised professional solutions to meet customer's requirements. Our abundant experience in projects such as Industries and Infrastructure provide a platform to ensure state-of-the-art system solutions to our customers.

‘The Vision’

We are committed to provide products and services that are of outstanding quality to enhance customer satisfaction. Through continual improvement of processes and systems we will strive to attain global benchmarks in design and quality of our products and services. We will nurture a culture of Caring, Integrity, Transparency and Dedication in our team to exceed the expectations of our customers and stakeholders.

‘The Knowledge’

The company's goals are being driven by its MD & CEO, who has been with an Indian Engineering conglomerate for over a decade and has been shaping a similar engineering organization over the years.

The company's operations are well molded and guided by its COO, who brings in an asset of experience of over two decades from the Panel manufacturing domain. His acumen in manufacturing process complements the exceptional infrastructure that the company possesses.

The company's strategy is drawn and put to action by its CFO, who honed his technical and management skills at IIT and IIM. His exposure of over six years in an MNC provides a perfect platform in shaping the Process and Systems of the organization. The Management continuously strives to maintain a passionate team and its knowledge upgradation at all times at every level, be it design or execution.



'The Physique'

We are equipped with an all-inclusive facility comprising of state-of-the-art CNC Machines for sheet processing, welding equipments, in-house seven tank pre-treatment and powder coating unit supported with adequate power backup ensuring uninterrupted production at all times.

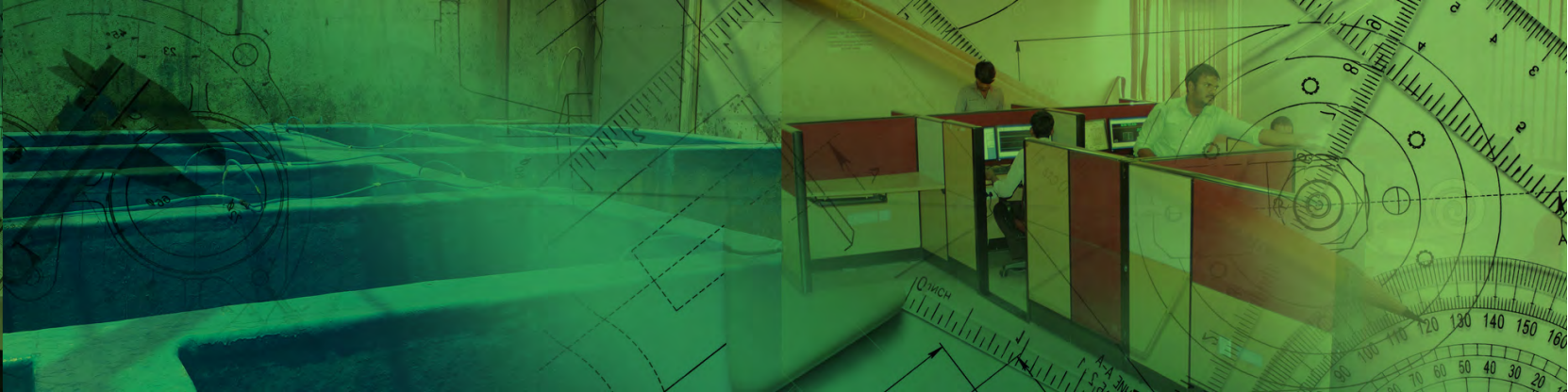
The electrolytic grade busbar materials (Aluminium / Copper) are surface coated as it may be sought and are being processed in a machine to the pre defined design with a greater accuracy of cutting, bending and profile punching enabling flawless operation through the lifetime.

The floor space spanning more than 30,000 sqft combined with our team's capabilities to execute projects end-to-end swiftly is a strength to complete large projects in a comparatively shorter duration. Our engineering and design team implements customer requirements and captures finer details using sophisticated softwares ensuring that we deliver worldclass products.

We have the Type Tested Assemblies (TTA) as per the latest Indian and International standards, including that of Internal Arc Containment tested (IAC) through the Franchise manufacturing agreement with M/s SIEMENS LTD for their SIEPAN 8PU range of LT Panels. Besides this we also have type tested our panels for 70kA Short Circuit and IP 65 among others.

The process and systems of our organisation are closely monitored and are governed by the latest Quality Standards of ISO 9001:2008.





'The Health'

Our Quality Assurance Plan (QAP) deals with a series of checks beginning from the raw material inward and goes on till the final product is ready for shipment. This includes securing and cross verifying relevant test certificates from vendors and evaluation of the same on a continuous basis for a quality and timely vendor development. We at TC IPL believe that our raw material procurement policy is one of the keys to unlock our outstanding quality.

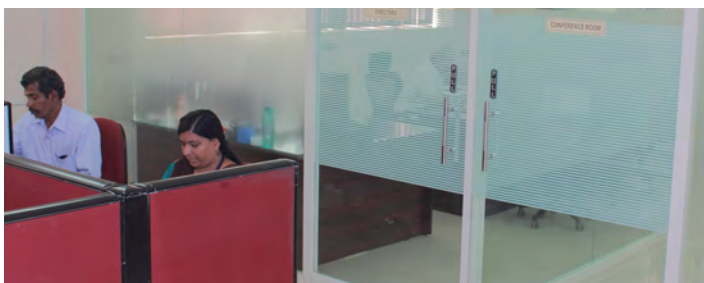
In detail, sheet metal thickness tests using Digital Vernier Calliper, periodic pH and titration evaluation of each tank of pre-treatment and epoxy coating check from curing till achieving the desired quality micron level by using Digital Micron Thickness Gauge.

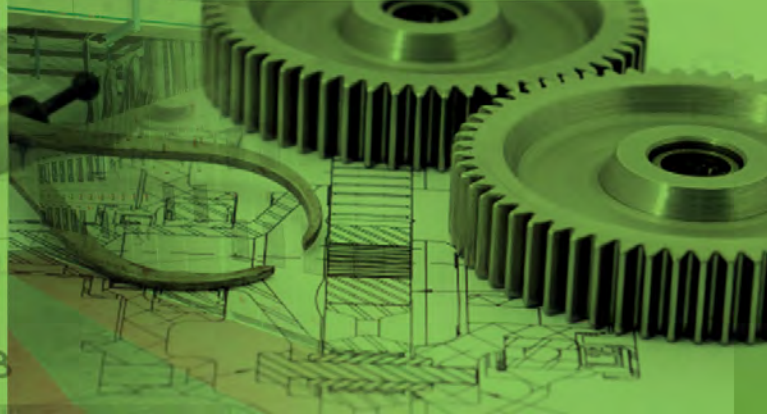
Our busbar works at joints use a prechecked and predefined hardware and undergo a random current injection test for Milli Volt drop to give the endurance to surpass industry benchmarks.

Meticulous selection and design of nonconductive and insulating elements of our panels make sure the performance of our products are sustainable through the life. At each stage the safety and convenience of end users is given an utmost importance.

The skilled team involved in wiring employ sophisticated tools, in-house ferule printing machinery etc have proved, even the critical and complicated circuits wired to the standards and tested at a rapid pace.

Final inspection and testing are carefully carried out to ensure all the specified electrical and mechanical properties. This activity supported by a gamut of testing equipment that include Secondary Current and Voltage Injection Kit, Current Leakage Accuracy Test, Megger, HV Test etc. Relevant data from the tests and observations are captured and reviewed for continuous process and product improvement.





‘The Creation’

The indoor and outdoor application panels in varied Ingress Protection (IP) levels and Fault levels that we offer consist of the diverse array of product groups:

- Power Control Centre
- Intelligent Motor Control Centre
- Synchronizing Panel
- Logic and Control & Relay Panel
- Variable Frequency Drive Panel
- APFCR Panel
- Harmonic Mitigation Solutions
- Distribution Boards
- Air Insulated Bus Ducts and Rising Mains
- Tap Off Boxes

‘The Partner’

After a careful and thorough due diligence and assessment of the capabilities and facilities a technology co-operation and license agreement has been entered into for design, manufacture, testing,

supply and post supply support for

SIEMENS

make

SIEPAN 8PU

range of Low Voltage Switch

boards for power control solutions. We take pride in offering this range of products for its dependable and reliable name over the years combined with three key features like TTA, IAC and Seismic Withstand that it presents.





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'The Care'

Our unswerving post-sales support over the years has been well recognized, appreciated and regarded as one of the yardsticks in the industry.

SIEPAN 8PU



...from the Gateway of South India...