

Our Services

Our Services in Process Automations Control Panels (PACP)

Control Panel Engineering

1. GENERATION OF SYSTEM ARCHITECTURE DRAWINGS, DISPLAYING COMPONENTS SUCH AS PLC CONTROLLERS & I/O'S , SCADA, HMI, OTHER PARTICULAR DEVICES & THEIR SYSTEM COMMUNICATIONS.
2. GENERATION OF PANEL GENERAL ARRANGEMENT DRAWINGS, INCLUDING THE INFORMATION OF PANEL ENCLOSURE SUCH AS, SIZING, DISPLAYING PANEL ENCLOSURES FRONT VIEW, REAR VIEW & TOP VIEW, PANEL INSIDE BASE PLATE COMPONENTS MOUNTING POSITIONS & DETAILED WORKOUT.
3. BILL OF MATERIAL.
4. POWER WIRING DIAGRAM & INPUT / OUTPUT VOLTAGE DETAILS UP TO TERMINAL BASE & USED CABLE SIZING WITH SUPPLY DETAILS.
5. PANEL MANUFACTURING SUCH AS THE FOLLOWING PROCESS AUTOMATION CONTROL PANELS (PACP)
 - AUTOMATIC VOLTAGE REGULATOR (AVR) PANELS
 - ELECTRICAL CONTROL PANELS
 - MOTOR CONTROL CENTRE (MCC) PANELS
 - AUTOMATIC P.F. CORRECTION PANELS
 - POWER DISTRIBUTION BOARD (PDB) PANELS
 - MIMIC PANELS
 - STAINLESS STEEL CONTROL PANELS
 - PLC BASED AUTOMATION PANELS
 - VFD PANELS
 - SOFT STARTER PANELS
 - INSTRUMENTATION PANELS
 - GENERATOR CONTROL & RELAY PANELS (MANUAL /AMF)
 - SYNCHRONIZING PANELS
 - LT BUS DUCTS
6. CONTROL PANEL FACTORY QUALITY TESTING & REPORT GENERATION & SUBMISSION OF A FINAL DRAWINGS.
7. FREE 1 DAY ONSITE TECHNICAL SUPPORT FOR THE SUPPLIED PANELS. (TERMS & CONDITIONS APPLY.)

<p>Design & Built as per customer requirement</p> <p>Tailored design and construction services to meet the specific needs and preferences of our customers, ensuring a customized solution for their unique requirements.</p>	<p>Automation Control Panel with System Integration</p> <p>Comprehensive control panel solutions integrating PLC (Programmable Logic Controller), HMI (Human-Machine Interface), VFD (Variable Frequency Drive), and other essential systems for seamless automation and efficient operation.</p>	<p>Instrumentation Panel</p> <p>Specialized panels designed for precise and accurate instrumentation, providing a reliable platform for monitoring and controlling various processes and equipment.</p>	<p>Starter Panel (DOL/STAR-DELTA/ATS)</p> <p>Panels catering to different starting methods, including Direct-On-Line (DOL), Star-Delta, and Automatic Transfer Switch (ATS), ensuring efficient and safe initiation of electrical equipment.</p>
<p>Automation Panel for Pressure Boosting Application</p> <p>Dedicated panels designed to automate and control pressure boosting applications, optimizing performance and ensuring consistent and reliable pressure levels.</p>	<p>Power Distribution Panel (PCC, MCC, APFC)</p> <p>Panels facilitating effective power distribution, including Power Control Centers (PCC), Motor Control Centers (MCC), and Automatic Power Factor Correction (APFC), enhancing electrical system efficiency.</p>	<p>Bus Duct Panel</p> <p>Panels designed for efficient and safe distribution of electrical power through bus duct systems, ensuring a reliable and streamlined power supply.</p>	<p>Feeder Panel</p> <p>Customized panels for controlling and distributing power to specific feeders, optimizing the flow of electricity within an electrical system.</p>
<p>Synchronizing Panel</p> <p>Panels equipped to synchronize multiple power sources, ensuring a smooth and coordinated power supply, critical for applications where uninterrupted power is essential.</p>	<p>Control & Power Panel Designing, Wiring</p> <p>Expert services encompassing the design and meticulous wiring of both control and power panels, ensuring a robust and organized electrical system.</p>	<p>Manufacturer of Transformers & Line Chokes</p> <p>Production of high-quality transformers and line chokes, providing essential components for electrical systems, with a focus on reliability and performance.</p>	<p>Installation & Commissioning, Electrical Work Labour Supply</p> <p>Comprehensive services including the installation and commissioning of electrical systems, coupled with the supply of skilled labor for various electrical work requirements, ensuring a seamless and efficient implementation process.</p>

Our Vision

Our Vision is be a BRAND, where the name is enough for buyer to choose.

OUR MISSION

To provide best Quality, Highly Reliable, Human Friendly, Highly Safe & Cost Effective solutions and services as per customers applications & requirements. To achieve success through the commitment of our employees and actively engage, empower and continuously develop our workforce.

INFRASTRUCTURE

Investing huge amount in our manufacturing facility has enabled us to entertain different industrial requirements within the said time frame. Further, we have parted our infrastructure facility into different segments for smooth execution of the undertaken job.

Allied Automation & Controls

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Navigation Menus

- > HOME
- > ABOUT US
- > OUR PRODUCTS
- > OUR SERVICES
- > CONTACT US

Find us on



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