



AAXIS NANO
TECHNOLOGIES PVT. LTD.
SOLUTIONS FOR A SUSTAINABLE ENVIRONMENT



Comprehensive **Automation & Process Control Solutions**

www.aaxisnano.com

AAXIS AUTOMATION

Aaxis Nano Technologies Pvt. Ltd. is premier in automation, offering tailored solutions for each customer. We provide turnkey solutions for all automation needs, including **PLC, DCS, Instrumentation, AC/DC Drives, MCC, and PCC solutions with integrated engineering, manufacturing, E&C services, AMC, CAMC, and spare parts support.**

Our hardware and software are sourced from global OEMs, while design engineering adheres to international and Indian standards using automated tools.

Installation, Testing & Commissioning

We optimize design methods to minimize fieldwork, combining extensive engineering experience, planning skills, and efficient implementation tools.

Our services include installation, construction supervision, inspection and test plans, pre-commissioning, and commissioning, ensuring thorough preparation and planning to overcome potential obstacles.

SPECIALIZATIONS

01 Control Systems :

Our expertise ranges from simple sequential logic controllers to complex systems with thousands of I/Os, sophisticated control algorithms, and time-critical performance. We specialize in utilizing advanced programmable controllers, reducing the need for traditional DCS solutions.

02 SCADA Systems

We design SCADA systems tailored to customer requirements, from simple HMIs to comprehensive monitoring and control systems. Our systems integrate the latest PLC and SCADA technology, serving industries like water, oil & gas, and sewage.

03 PLC Systems

We handle demanding process control tasks, programming PLCs to meet specific client requirements. Our specialization includes SIEMENS.

04 Operator Interface (HMI)

We develop effective HMIs, including touch screens, pushbutton panels, graphic screens, and PCs. Our interfaces enhance product quality and production efficiency by involving operators in the design process.

Aaxis nano technologies specialize in delivering state-of-the-art technology that enhances operational efficiency, reduces costs, and drives sustainable growth across diverse industrial sectors. Our commitment to excellence and innovation empowers businesses to optimize processes and achieve superior productivity.

INDUSTRY SEGMENTS SERVED



Water & Waste Water

- WTP (DM /RO)
- ETP
- Raw Water Intake
- STP (Sewage Treatment Plant)



Mining & Cement

- Crusher
- Material Transport
- Raw Mill
- Coal Mill
- Kiln, Cooler, Pre-heater
- Packing
- Stacker & Reclaimer



Food & Beverage

- Cereal Plant
- Chocolate Plant Automation
- Noodles Lines
- Dairy Automation
- Soap Line Automation
- Soap Powder Plant
- Sugar Plants



Thermal & Solar Power

- BOP Application
- Centralize Control room SCADA
- PV Solar SCADA
- PEMS
- Electrical Substation Automation & Utility SCADA



Oil & Gas

- Flame & Gas Detection System
- Additive System
- PP & PE System
- Pipeline SCADA
- Burner Management System
- Fire Protection & Extinguishing system.



Metal

- RMHS
- Fume Treatment Plant
- Sinter & Pellet Plant
- DRI, Sponge Iron
- Blast Furnace
- GCP, Stove Automation
- Electric Arc Furnace
- Green Anode Plant
- RH Degasser
- BOF
- DH & Screening Plant



Transportation (Metro & Railways), BMS

- UG & OG Metro Rail BMS
- E&M Scada Works
- Tunnel Ventilation System
- Environment Control System
- Operational Control Center
- Chiller & Compressor

OUR PRODUCTS



PLC PANEL

PLC Control Panels we manufacture are highly capable of giving higher output at less power



MCC PANEL

The signal is given by the control panel. Indicators for the motor operation also will be present in control panel.



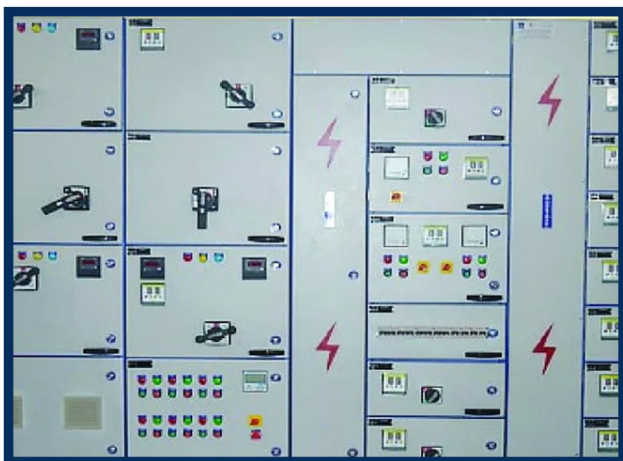
PCC PANEL

Perfect Products (India) is widely known for premium quality PCC panels designed according to the customer specifications.



APFC PANEL

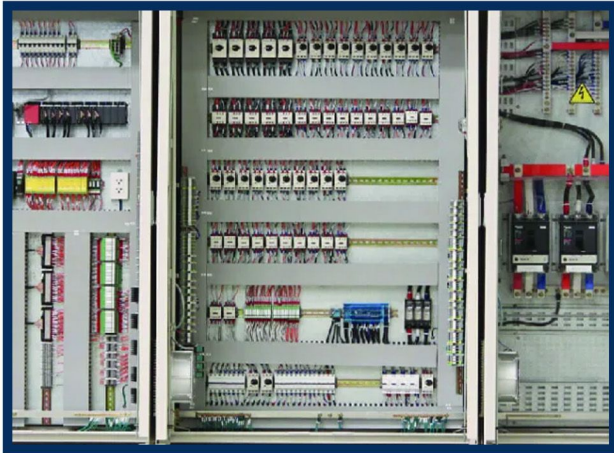
It can lead to situations where the installation can have a low power factor leading to higher demand charges and levy of power factor penalties.



LT PANEL

Our expert technicians and engineers who perform cable preparation, jointing, termination, testing, commissioning, maintenance and troubleshooting tasks.

OUR PRODUCTS



Automation & SCADA

SCADA is a centralized system that monitors and controls the entire area. This supervisory system gathers data on the process and sends the command control to the process.



IMCC PANEL

IMCC (Intelligent Motor Control Center) Panel represents the flexible and modular management system for motors in the low Voltage range which can be easily and directly connected to the automation/scada system.



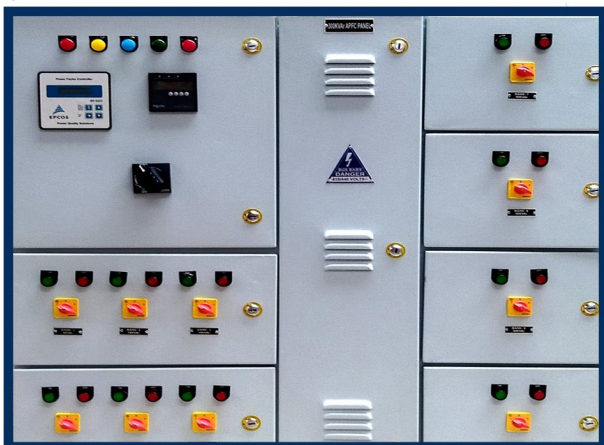
DG PANEL

It can lead to situations where the installation can have a low power factor leading to higher demand charges and levy of power factor penalties.



ACDB PANEL

ACDB has been used for controls the AC power from PCU including necessary surge protection devices (SPD), AC fuse, and MCB to protect the appliances from any type of electrical damage or high voltages.



CAPACITOR PANEL

It is used to improve the power factor of an electrical system by automatically switching capacitor banks in and out of the circuit based on real-time load requirements.

WHY CHOOSE AAXIS NANO?

With an extensive experience of 20+ years, our team of experienced professionals brings deep industry knowledge and technical expertise to every project.

Innovation: We leverage the latest technologies and trends to deliver forward-thinking solutions that drive business success.

Reliability: Our solutions are designed for durability and reliability, ensuring long-term value and performance.

Customer-Centric Approach: We prioritize our clients' needs and work closely with them to deliver exceptional service and support.

System Integration and Support

Ensure seamless integration and operation of your automation systems with our expert services:

System Design and Engineering: Custom design and engineering solutions for specific process requirements.

Installation and Commissioning: Professional installation and commissioning services for smooth system deployment.

Technical Support and Maintenance: Comprehensive support services to ensure uninterrupted operation and quick resolution of issues.

Training Programs: Comprehensive training sessions tailored to your specific systems and industry requirements.

Others : Instrumentation and Control

Our instrumentation and control solutions ensure accurate measurements and optimal performance across various processes:

Control Valves: Reliable and efficient control valves designed for diverse industrial applications.

Field Instruments: Accurate data and feedback for improved process control and efficiency.

Analytical Instruments: High-precision analytical tools for chemical composition and quality monitoring in complex processes.

Sensors and Transmitters: A wide range of sensors and transmitters for precisely measuring pressure, temperature, flow, and level.

SITE INSTALLATIONS



STRATEGIC ALLIANCES



PRESTIGIOUS CLIENTS



COMPLIANCE & CERTIFICATIONS

CERTIFICATE OF COMPLIANCE

ISO 9001 : 2015 CERTIFIED



CONTACT US

Transform your operations with Aaxis Nano Technologies Pvt. Ltd.'s automation and process control solutions. Contact us today to learn more about how we can help you achieve operational excellence and sustainable growth.

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