



TechnoTech

Invention Is Our Nature

Profile

TechnoTech Industries is a INDIAN company who's dealing in Power Plant Electrical Solution (Excitation System(AVR), Synchronization, Protection), Industrial Electrical control Panel, Automation Solution, Power Distribution panel, and total solution for Electrical control & monitoring system, Electrical contracting, etc.

TechnoTech business plan is to effectively utilize its technical expertise in product to offer its customers high quality solution that meets their diverse need within all sectors.

TechnoTech is well known for its technical strength. The highly qualified and experienced technical team delivers Product for any segment in home application, industrial application, etc.



Area of Product

•Power Plant Solution

- Excitation Control System for generator.(Digital & Analog AVR)
- Protection System for the Generator,transformer,motors,etc.
- Synchronization System of Power Plant.

•Electrical LT Panels

- Power control Center Panel (PCC Panel)
- Automatic Power Factor Correction Panel (APFC)
- Motor Control Center Panel (MCC)
- AMF Panel.
- EOT Cranes electrical Panel.
- Power Distribution Boards
- Variable Frequency Drive Panel (ABB, L&T, Schinder, Siemens, etc.)

•MEDIUM VOLTAGE VACUUM CONTACTOR.

•CONTROL, RELAY, PROTECTION & AUTOMATION PANELS

- Control, Relay and Metering Panels
- Generator and Turbine Control Panels
- Synchronizing and Load sharing Panels
- Control Desks and Control Consoles
- DG Synchronizing Panels
- PLC based Automation Panels
- PLC based TG, Governor Control, Metering and protection Panels
- Control and Instrumentation Panels
- SCADA System (Supervisory Control and Data Acquisition System)

•Solar Product

•Service support.

- Annual maintenance Contract(DAVR, Synchronization Panel, Protection Panel, etc.)
- Electrical contracting.
- Erection & Laying of cables (HT & LT)
- HT Cable Termination.
- Project work.

•Spares Support.

TechnoTech is providing the solution for power plant electrical equipment like **Digital & Analog Excitation Control Panel (AVR Panel)** for brushless & static excitation, **protection Panel**, **Synchronization panel**, **Monitoring system**, etc.

we have good technical expertise in power plant electrical equipment Design Manufacturing, Testing, Installation Commissioning & service support in Various industries like Cement, paper, sugar, OEM, Power Plant, Consultant as per the client requirement for the **Synchronous Machine (Generator & Motor)**.

- **Excitation Control Panel (AVR Panel)**
 - Single Channel & dual Channel Digital Excitation Control System (Brushless & Static excitation).
 - Analog AVR System
 - Retrofitting solution of Analog AVR to Digital AVR for upgradation Of Power plant.
- **Digital Protection System.**
 - Generator Protection system
 - Transformer protection system
 - Motor protection System
 - Protection Relay Testing Services.
- **Digital Synchronization System.**
 - Auto Synchronization System
 - Manual Synchronization System



Electrical LT Panels

We at **TechnoTech Design, Manufacturing, Testing, Installation, Commissioning and Service Provide for Electrical LT Panels.**

TechnoTech has good experience technical team, using this we Manufacture electrical control panels with good quality and service support.

TechnoTech has a reputation for producing quality **industrial products** at a competitive price. We manufacture a wide range of products including all types for **commercial** and **industrial use.**

- ❖ Power control Center Panel (PCC Panel)
- ❖ Automatic Power Factor Correction Panel (APFC)
- ❖ Motor Control Center Panel (MCC)
- ❖ AMF Panel.
- ❖ EOT Cranes electrical Panel.
- ❖ Power Distribution Boards
- ❖ Variable Frequency Drive Panel (ABB, L&T, Schinder, Siemens, etc.)
- ❖ Annunciation & Alarm System.
- ❖ Temperature control system (Heater control) for Oven.
- ❖ Switchboards
- ❖ Starter Board
 - ❖ Star Delta Starter board
 - ❖ Direct on-line starter Board.

Electrical panel assembly and Job Work for many reputed companies.

We TechnoTech provide skill manpower for panel assembly and erection job work as per client requirement.



Medium Voltage Vacuum contactor

Medium voltage Vacuum contactor has designed & developed all components locally. Some type test has been done at ERDA & main switching tests are planned to be KERI.

Key Features

- ❖ Dimension for 6.6 KV & 12Kv contactors are same.
- ❖ Epoxy Casted For VI monitoring & replacement
- ❖ In-built phase barriers
- ❖ Operator's Safety
- ❖ Maintenance Free
- ❖ High Number of operations
- ❖ Long electrical & Mechanical Life
- ❖ Remote Control
- ❖ Possibility of integration in computerized control System.
- ❖ Suitable for installation in prefabricated substations & switchgears.

Applications

- ❖ Our Vacuum contactor is suitable for Control & protection of Motor, transformers, Power factor correction bank & Switching System for 3.3KV, 6.6KV & 11KV Voltage Ratings



CONTROL, RELAY, PROTECTION & AUTOMATION PANELS

TechnoTech is giving his technical expertise to the client requirement for the **Control, Relay, Protection & Automation System**.

TechnoTech have **Experience** working on industries like Sugar Industries , Paper Industries, Cement Industries, Power Plants .

- ❖ Control, Relay and Metering Panels.
- ❖ Generator and Turbine Control Panels.
- ❖ Synchronizing and Load sharing Panels.
- ❖ Control Desks and Control Consoles.
- ❖ DG Synchronizing Panels.
- ❖ PLC based Automation Panels.
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- ❖ Control and Instrumentation Panels.
- ❖ SCADA System (Supervisory Control and Data Acquisition System).



SERVICE SUPPORT



Annual Maintenance Contract

TechnoTech is providing his technical expertise to the industry, power plant for his electrical equipment Annual maintenance contract for to ensure the availability of machine and technical support at any time.



AMC For below products

- ❖ Digital Excitation Control System (Digital & Analog AVR).
- ❖ VCB Panels.
- ❖ Electrical control Panels.
- ❖ Electrical Motors (LT & HT)
- ❖ Transformer.
- ❖ VFD Drive Panels.
- ❖ PLC Control Panels.



Repair Solution

- ❖ Repairing OF VFD Drive Cards.
- ❖ Repairing OF AVR Cards.
- ❖ Repairing OF Other Electronics item Like Soft starter, Relays Etc.
- ❖ **Electrical contracting.**
- ❖ **Erection & Laying of cables (HT & LT)**
- ❖ **HT Cable Termination.**
- ❖ **Project work.**



• Our Commitment to Customer

- ❖ Technical Excellence
- ❖ Reliability & Flexibility
- ❖ Service Support (24x7)
- ❖ Punctuality
- ❖ Expertise
- ❖ Quality

• Why choose us.

- ❖ TechnoTech is lead by highly qualified & experienced engineers.
- ❖ We take proper inspection & testing measurement in order to ensure good quality of products.
- ❖ We have custom design to meet customer specification.
- ❖ We support to our client 24 x 7.

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