

# Company Profile



# PHOENIX PROCESS AUTOMATION PVT LTD.

[www.phoenixautomation.com](http://www.phoenixautomation.com)



# Who We Are ?

Phoeneix Process Automation Pvt Ltd was formed by professionals with formal qualifications and industrial experience in the fields of embedded systems, real-time software, process control and industrial electronics.

The Company has provided product design services for various sectors which include the Industrial automation, Instrumentation and Automotive sector with complete spectrum of activities in product development life cycle such as idea generation, requirement gathering to prototype making, testing and manufacturing

# Areas of Specialization Automation & Control



Subject matter experts in Automation and Control solutions with core strength in SIEMENS solutions. Executed numerous projects using

- Distributed Control System – SIEMENS PCS7
- PLC – SIEMENS S7-400, S7-300, Smart Series PLC
- SCADA– SIEMENS WINCC SCADA & HMI
- Drives – SIEMENS VFD and Servo Drives

# Areas of Specialization Embedded Systems



Our Embedded division provides embedded computing solutions through a variety of products along with engineering and manufacturing services. Our products are designed for performance-driven applications such as industrial automation, security, test and measurement, and transportation. Our Specialties include

- Testing equipment and software for wiring harness
- Robotic Process Automation
- Embedded Telemetry for Process Industries

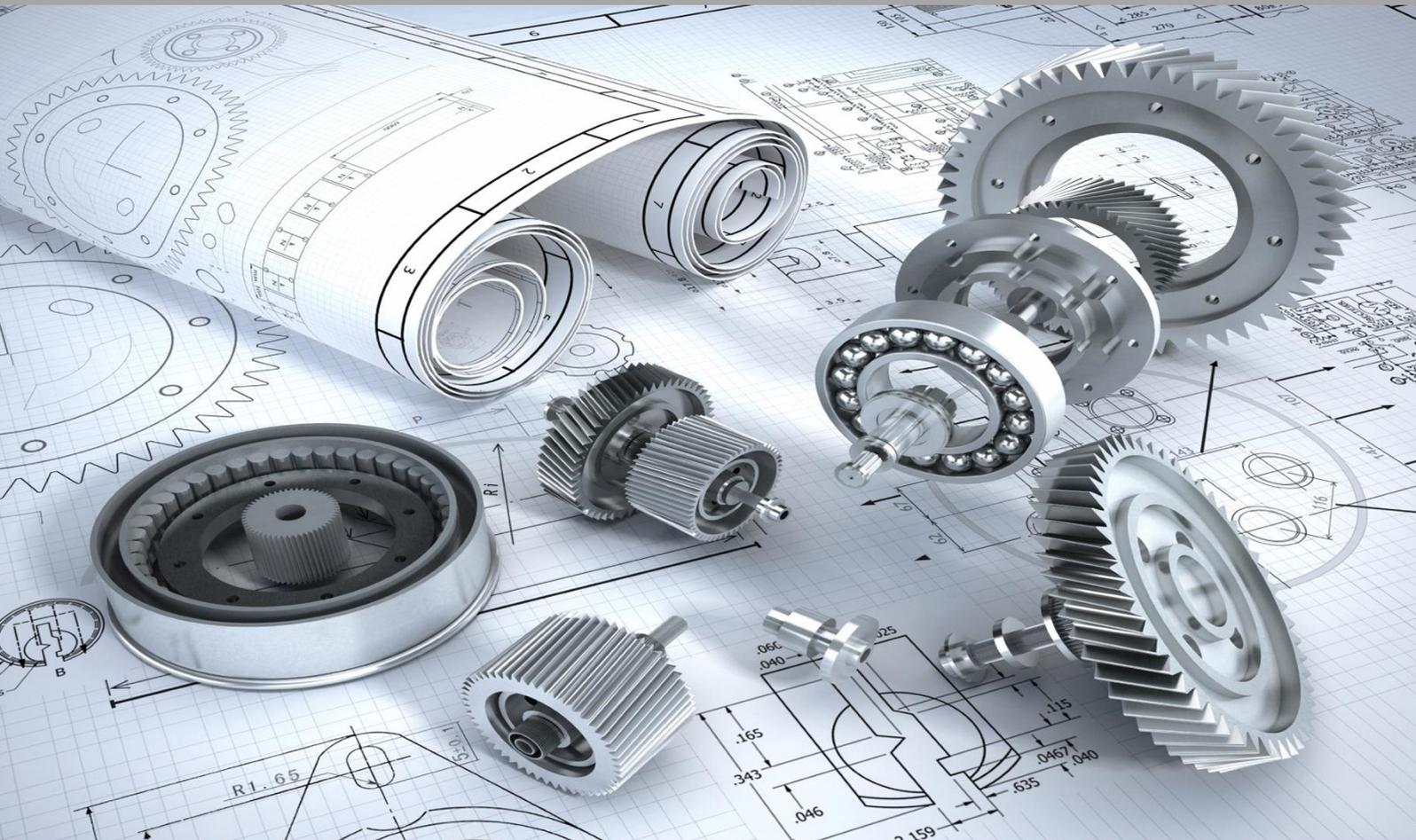
# Areas of Specialization Electrical Solutions



Our Electrical division with core expertise on construction and commissioning of the following

- Construction of Power Panels and Bus Bar Panels
- HT and LT Winding for Motors and Generators
- Annual Maintenance Contracts for Electrical installations
- Sales and Supply of Electric Motors

# Areas of Specialization Mechanical Solutions



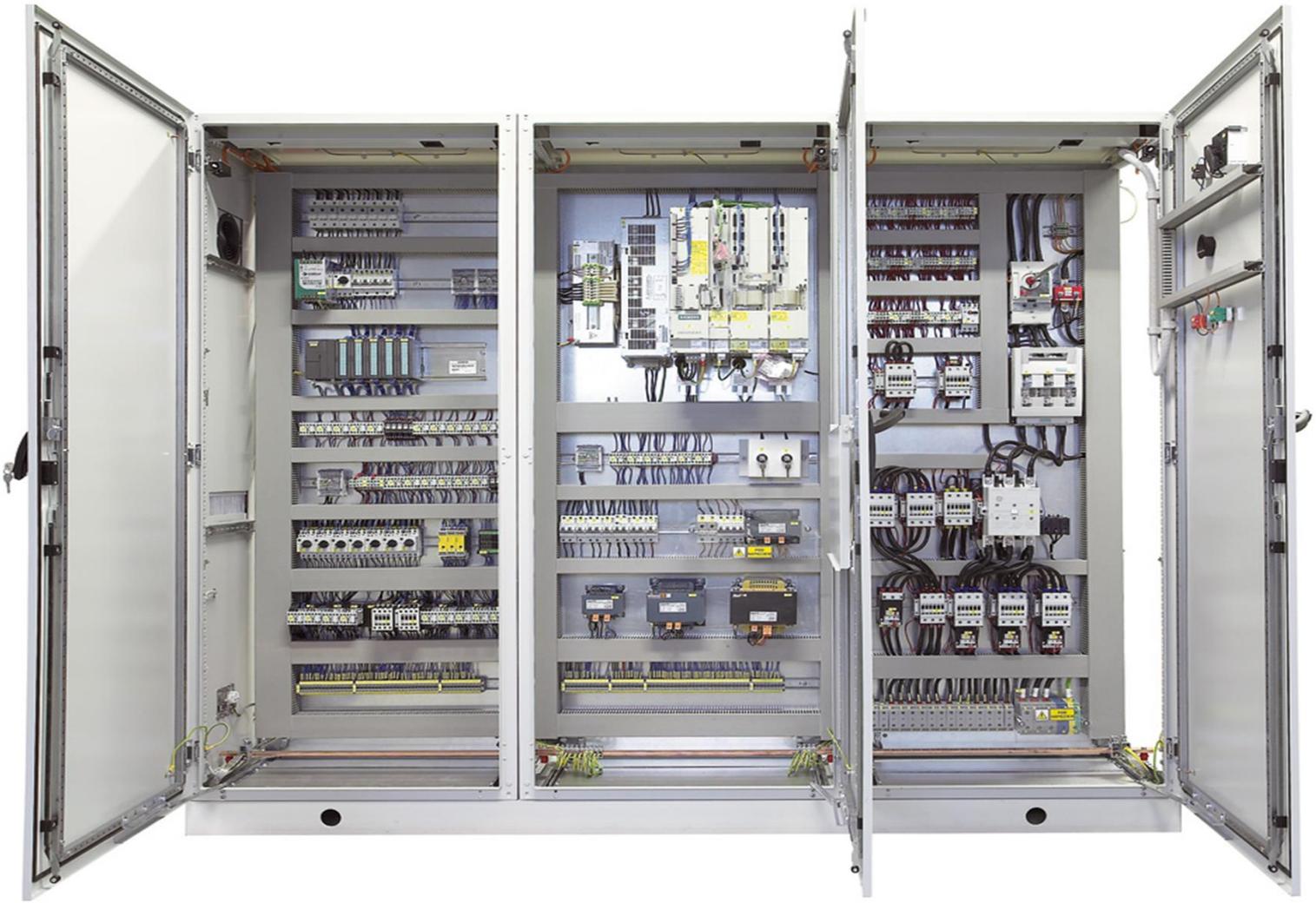
Our Mechanical division have core expertise in construction and commissioning of

- Hydraulic Press
- Material Handling Conveyors
- Endurance Test Machines
- Leakage Test Machines
- Special Purpose Machines



# Oily Waste Process Plant Automation Project

- PLC based control system with SCADA for monitoring and controls for Oily Waste Process Plant @ NSL Singapore.
- Automation Solution deploying WINCC SCADA and S7-1500 Siemens PLC
- Central Process control for multiple process units such as Carbon Filter, Sequential Biological Reactor etc. with Historian and WINCC Audit features
- Project Value of approx. \$70K SGD



# JPCL 30 MW Power Plant Project

- Coal based 30 MW Captive Power Plant with CFBC boiler of 135 TPH Capacity and 30MW Steam Turbine Generator
- Advanced Siemens DCS Controller PCS 7 with total of 2500 I/O's.
- Project Value of approx. 1.5 Crores INR



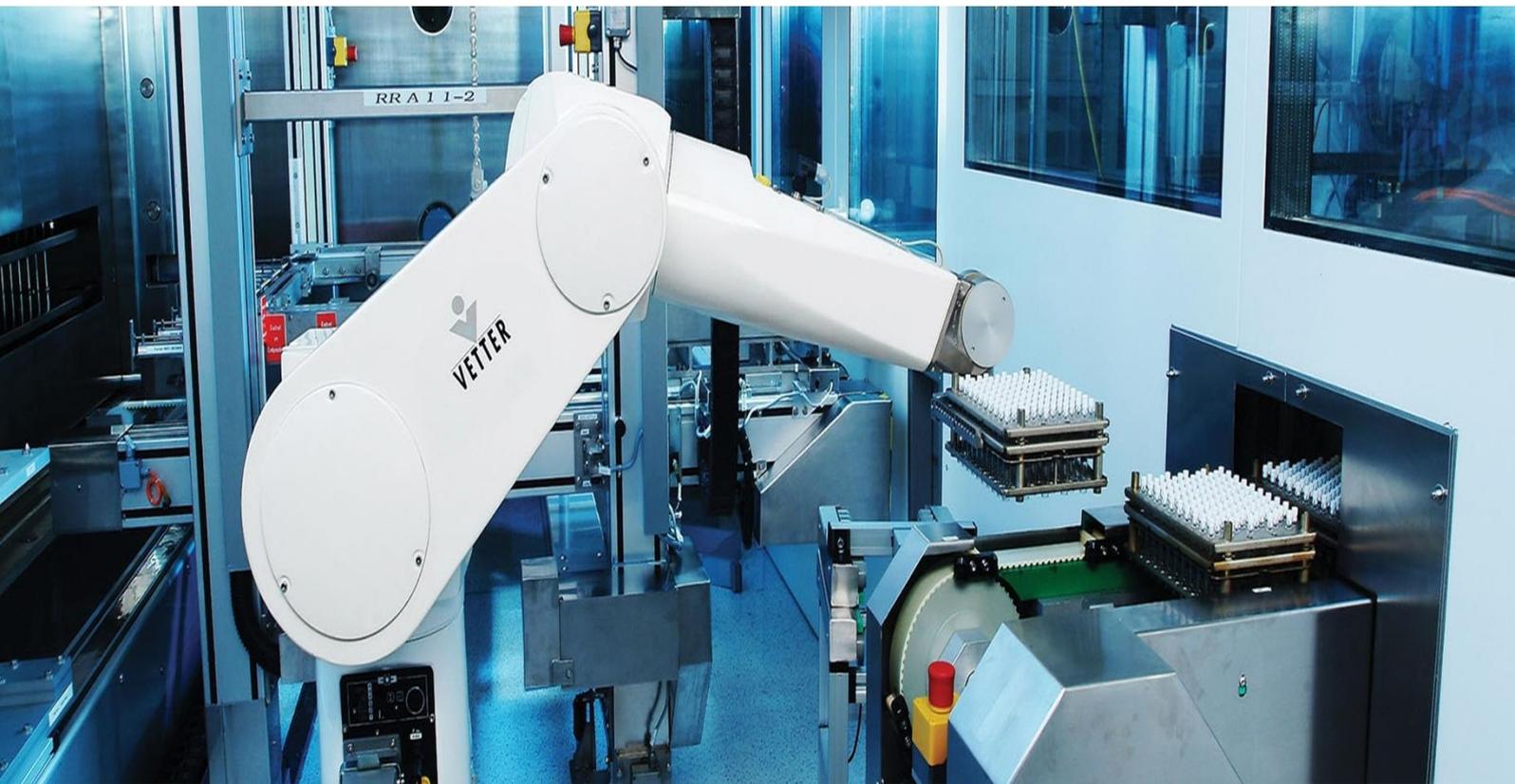
# Automated Test Equipment for CB4310 – L&T

- Test Software designed to control and monitor automated functional testing of 4310 series circuit breakers in production line.
- Automation Solution with AB CompactLogix 5380 PLC and SCADA
- End user – AIRBUS , USA
- Project Value of approx. 30 Lakhs INR



# Guided Terminal Insertion System – YAZAKI

- Guided Terminal Insertion system (GTI) provides a complete solution for guiding the operator in the process of assembly the wires into the connector. It includes pick by light guiding for wires & cavity indication by led.
- Embedded based architecture for completely guided process free of errors.
- End user – Nissan , India
- Project Value of approx. 1.5 crores INR



# Embedded Telemetry Based Process Monitoring

- Embedded Telemetry based Continuous Monitoring and Reporting of Purified Water treatment process.
- An Improved GSM-Based Process Monitoring solution capable of Machine to Machine (M2M) capabilities that interact with the process control System, HMI and SCADA.
- End user – Strides Pharma, Singapore



# LCC Testing Station Project

- End User – WIPRO Infrastructure Engineering Pvt Ltd
- Automation solution comprised of multi-stage Siemens SCADA systems with complete reporting, trending and operator console.
- Project Value of approx. 1 Crore INR



# DI Water Automation Project

- Automation and control systems package for Deionized Water Project in Regentech, Singapore.
- PLC based Process control with data archiving, reporting and monitoring features. Automation Solution deploying Simatic HMI screen and S7-1200 series Siemens PLC



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# MCA Bulb Holder Project

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- End User – Valeo India Pvt Ltd
- Five Stage MCA Bulb Holder Machine consisting of Terminal Station, Hot Mashing Station, Shunting Station, Load Test Station, H/V and L/V Test Station inspection.
- Automation and control consists of high Precision Vision Sensors, Siemens S7 PLC and HMI with Data Logging and trending.
- Project Value of approx. 50 Lakhs INR



# Our Clients

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## Contact Us

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