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TRAINING ON
PLC, SCADA AND DCS

- Advancing Skills in Control Systems

ABOUT US

Welcome to Pertecnica, your gateway to skill elevation! We specialize in providing targeted training for employees, equipping them with the tools to excel in their roles. Our expert-led programs ensure a seamless blend of theory and practical application, fostering continuous growth. At Pertecnica, we don't just train; we empower professionals for success in today's fast-paced work landscape.

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SPECIALIZED TRAINING PROGRAMS
- for PLC, SCADA and DCS

Pertecnica's training initiatives cover a diverse array of pivotal topics, including PLC programming, SCADA system integration, DCS architecture, troubleshooting methodologies, and advancements in automation technology. Emphasizing efficiency, reliability, and adherence to industry standards, Pertecnica Engineering ensures that participants gain a deep understanding of PLC, SCADA, and DCS systems, empowering them to proficiently operate, maintain, and optimize these critical automation technologies across various industrial sectors in India with precision and efficacy.

Employee Trainings on PLC, SCADA and DCS

PLC Programming Training:
This program covers the fundamentals of PLC programming, including ladder logic, function blocks, structured text, and sequential function charts. Participants learn how to create and troubleshoot PLC programs.

SCADA System Design and Configuration Training:
Focuses on SCADA system design, configuration, and human-machine interface (HMI) development. Participants learn to create SCADA screens, alarms, and data logging.

PLC and SCADA Integration Training:
Covers the integration of PLCs with SCADA systems, enabling participants to design and implement seamless communication between the two platforms.

PLC and SCADA Troubleshooting Training:
Provides skills in diagnosing and troubleshooting PLC and SCADA system issues, including hardware and software problems.

PLC Hardware Installation and Maintenance Training:
Focuses on the installation, setup, & maintenance of PLC hardware components, including CPUs, input/output modules, and communication interfaces.

SCADA System Operation and Maintenance Training:
Covers SCADA system operation, maintenance, and backup procedures to ensure the reliability and availability of real-time data.
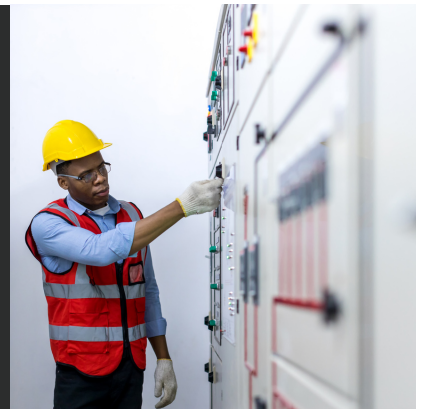
Advanced PLC Programming Techniques:
Designed for experienced PLC programmers, this program delves into advanced programming techniques, motion control, data handling, and communication protocols.

PLC and SCADA Cybersecurity Training:
Addresses cybersecurity measures to protect PLC and SCADA systems from potential cyber threats and vulnerabilities.

PLC and SCADA Simulation and Testing:
Training on simulation and testing tools and techniques for validating PLC and SCADA programs before deployment.

PLC and SCADA Best Practices and Standards:
Provides guidance on industry best practices and standards for designing, programming, and maintaining PLC and SCADA systems.
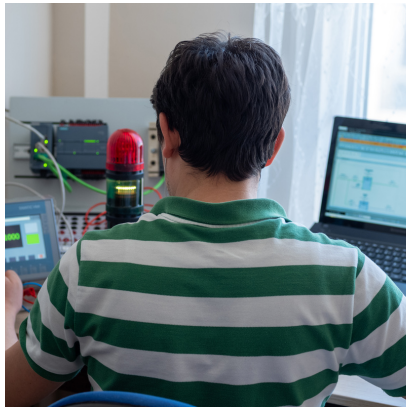
PLC and SCADA Project Management:
Covers project management principles specific to PLC and SCADA system implementation, including project planning, budgeting, and resource allocation.

PLC and SCADA Environmental Compliance:
Addresses environmental regulations and best practices related to PLC and SCADA system operation and data reporting.

PLC and SCADA Remote Monitoring and IoT Integration:
Training on remote monitoring systems, IoT (Internet of Things) integration, and data communication for real-time control and monitoring of automated systems.

Why Choose Pertecnica Engineering?

- **Expertise & Relevant Experience:** We have in-depth expertise in the specific subject matter and relevant industry experience. This ensures that the training is not only theoretically sound but also practically applicable to real-world scenarios in the company's specific field.

- **Customization and Relevance of Content:** Our tailored programs that align with the company's objectives, culture, and the specific skill gaps of the employees are highly valued.

- **Measurable Outcomes and ROI:** Our training will lead to tangible improvements in employee performance and productivity, thereby offering a strong return on investment (ROI).

- **Flexibility & Innovative Delivery Methods:** Flexibility in terms of scheduling, format (in-person, online, hybrid), and adaptability to different learning styles. We offer innovative and engaging training methods that keep employees motivated and facilitate effective learning.