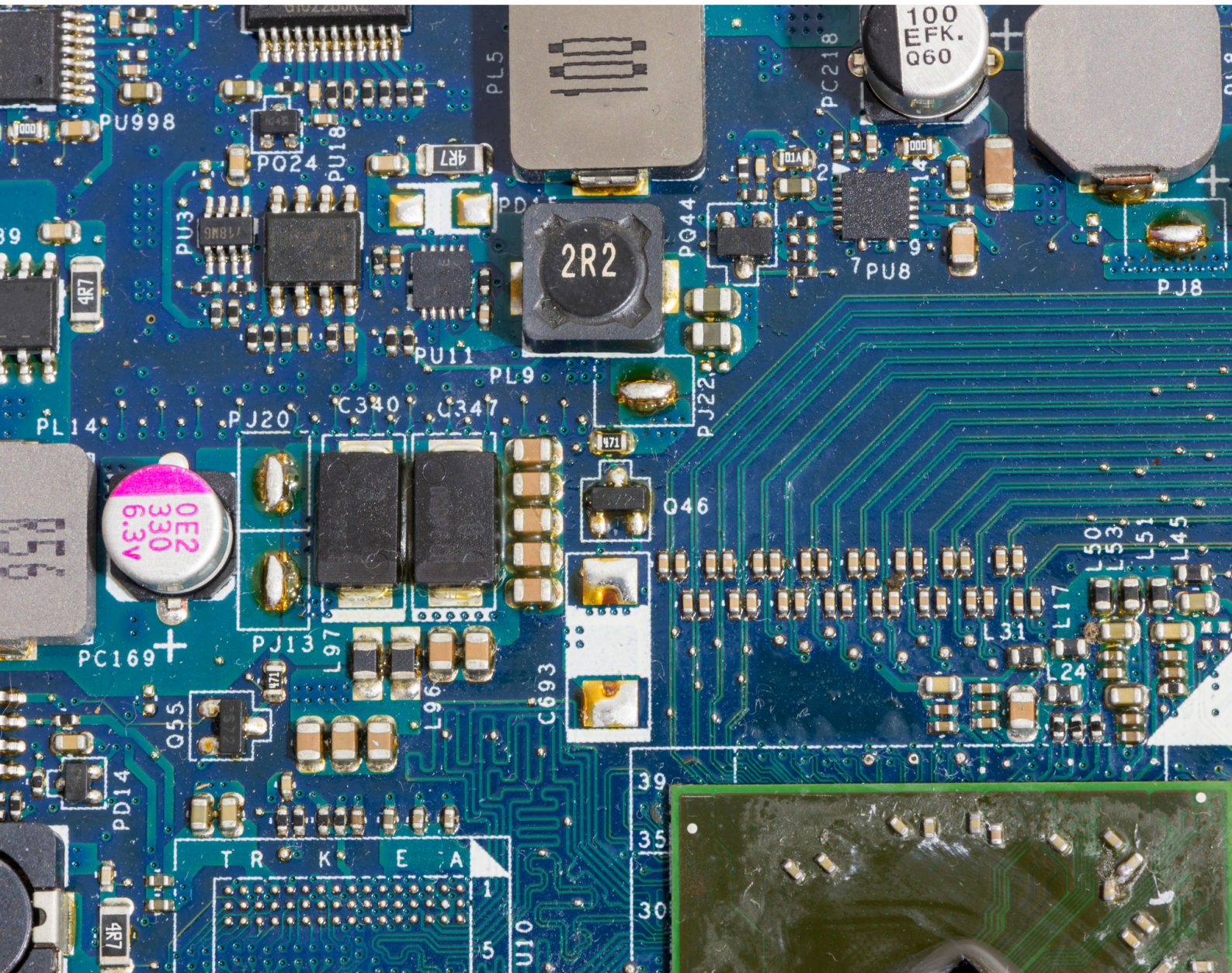# per tecnica

TRAINING ON
ELECTRICAL CIRCUIT

- Electrify Your Mind: Mastering Electrical Circuitry

pertecnica

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.
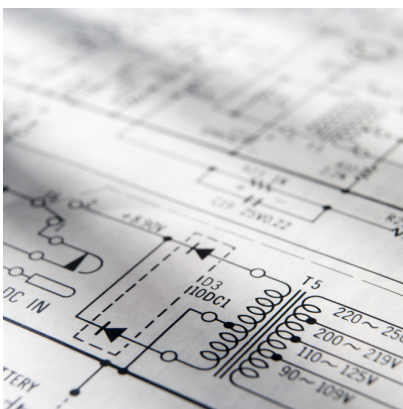
SPECIALIZED TRAINING PROGRAMS
- for Electrical Circuits

Pertecnica Engineering spearheads employee skill enhancement with its exceptional specialized training modules dedicated to mastering electrical circuits. Our programs cover a comprehensive spectrum, ranging from foundational principles to advanced circuit design, troubleshooting methodologies, and safety protocols. Led by industry experts, our training ensures participants gain practical insights into circuit analysis, component selection, and hands-on experience with diverse circuit configurations.

Employee Trainings on Electrical Circuits

Electrical Circuit Basics and Fundamentals Training:

- Covers the foundational principles of electrical circuits, including voltage, current, resistance, Ohm's Law, circuit components, and circuit analysis techniques.
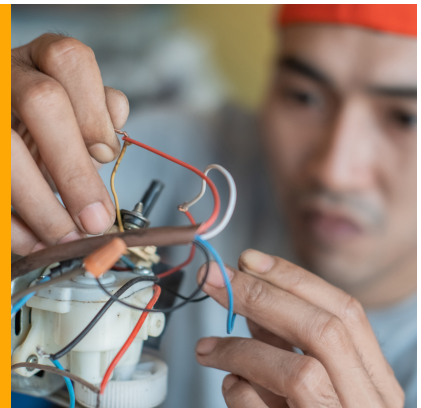
Circuit Design and Schematic Diagrams Training:

- Focuses on the design of electrical circuits and the creation of schematic diagrams using industry-standard software tools.

Circuit Assembly and Wiring Training:
- Covers the practical aspects of assembling electrical circuits, including selecting components, wiring, and connections.

Electrical Safety Practices Training:
- Emphasizes safety practices when working with electrical circuits, including hazard identification, personal protective equipment (PPE), and safety regulations.

- **Circuit Troubleshooting and Fault Finding Training:**Equips participants with skills in diagnosing and troubleshooting electrical circuit issues, including fault identification and repair techniques.
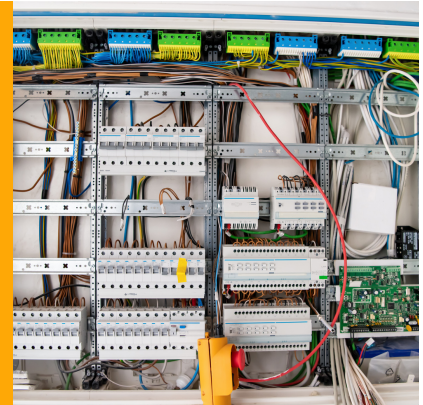

MCB and Circuit Breaker Operation and Selection Training:
- Provides an understanding of MCBs and circuit breakers, their operation, and how to select the right circuit protection device for different applications.

Electrical Circuit Control and Automation Training:
- Covers control systems, relay logic, and automation concepts used in electrical circuits for various applications.

Electrical Circuit Maintenance and Inspection Training:
- Addresses routine maintenance tasks, preventive maintenance scheduling, and inspection techniques to ensure the reliability and safety of electrical circuits.

Energy Efficiency in Electrical Circuits:
- Focuses on strategies and techniques to optimize the energy efficiency of electrical circuits, reduce power consumption, and minimize electrical losses.

MCB and Circuit Breaker Testing and Calibration Training:
- Provides knowledge of testing and calibrating MCBs and circuit breakers to ensure they operate within specified parameters.

☎ +91 7842430123
✉ contact@pertecnica.in
🏢 7th Floor, Dega Towers, Rajbhavan Road, Hyderabad
🌐 www.pertecnica.net

Electrical Circuit Environmental Compliance:
- Addresses environmental regulations and best practices related to the design, operation, and maintenance of electrical circuits.
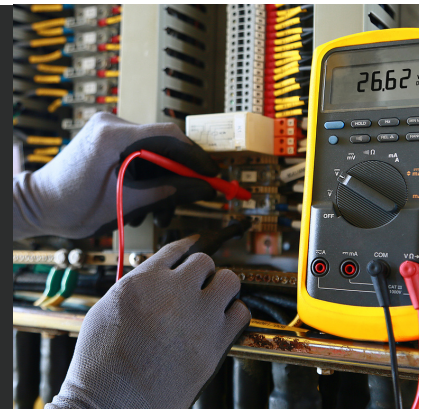

Renewable Energy Integration and Grid Connection:
- Training on integrating electrical circuits with renewable energy sources such as solar and wind, including grid connection requirements.

PLC Programming for Electrical Circuits:
- Covers Programmable Logic Controller (PLC) programming for automation and control in electrical circuits.

Electrical Circuit Design Software Tools:
- Training on using software tools for designing and simulating electrical circuits, including CAD and simulation software

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.