

TRAINING ON SWITCH GEARS

- Advancing Skills in Switchgear Engineering



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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 Switch gears

Pertechnica's training initiatives encompass a diverse array of pivotal topics, including switchgear principles, operational techniques, safety protocols, maintenance practices, and advancements in switchgear technology. Emphasizing efficiency, reliability, and adherence to industry standards, Pertechnica Engineering ensures that participants acquire a deep understanding of switchgear systems, empowering them to oversee, maintain, and optimize these critical components within India's industrial landscape with precision and efficacy.

Employee Trainings on Switch gears

Switchgear Assembly & Installation Training:

This program covers the assembly, installation, and wiring of switchgear components, including circuit breakers, disconnect switches, relays, and control panels. Participants learn about system layout, component selection, and safety considerations during installation.



Switchgear Operation and Control Training:

Focused on switchgear operation, this training program covers control systems, switchgear operation, protection schemes, and safety protocols.



Switchgear Maintenance and Inspection Training:

Covers routine maintenance tasks, preventive maintenance scheduling, and inspection techniques to ensure the reliability and longevity of switchgear equipment.



Low Voltage (LV) and Medium Voltage (MV) Switchgear Training:

Specific to LV and MV switchgear, this program provides in-depth knowledge of switchgear components, protection devices, and maintenance practices.



Circuit Breaker Testing and Maintenance Training:

Addresses the testing, maintenance, and servicing of circuit breakers commonly used in switchgear systems.



Switchgear Safety and Regulatory Compliance Training:

Emphasizes safety practices when working with switchgear, including hazard identification, safety regulations, and compliance with industry standards.



Protective Relays and Coordination

Training:

Focuses on protective relays, coordination studies, and fault protection schemes used in switchgear systems to ensure reliable electrical distribution.



Switchgear Retrofitting and Modernization:

Covers the retrofitting of existing switchgear with modern components, protection systems, and automation technologies to improve performance and safety.

Emergency Procedures and Switchgear

Troubleshooting:

Provides skills in diagnosing and troubleshooting switchgear issues, including fault identification, troubleshooting techniques, and basic repair procedures.



Power Quality and Harmonics Mitigation:

Addresses power quality issues, harmonics mitigation, and the impact of switchgear on the electrical system, focusing on power factor correction and harmonic filters.



Switchgear Environmental Compliance:
Addresses environmental regulations and best practices related to switchgear operation, energy efficiency, emissions control, and waste management.



Switchgear Networking and Communication Protocols:

Covers communication protocols used for networked switchgear and remote monitoring 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.

