

TRAINING ON PUMPS

- Engineer Expertise in Precision Pump Techniques



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 Pumps

Pertecnica's training initiatives cover a diverse array of pivotal topics, including pump principles, operational techniques, maintenance practices, safety protocols, and advancements in pump technology. Emphasizing efficiency, reliability, and adherence to industry standards, Pertecnica Engineering ensures that participants acquire a profound understanding of pumps, empowering them to oversee, maintain, and optimize these crucial systems across various industrial applications in India with precision and efficacy.

Employee Trainings on Pumps

Pump Efficiency and Energy

Optimization:

Training on strategies to optimize pump performance, improve energy efficiency, and reduce operating costs.



Pump Troubleshooting and Repairs:
Covers diagnosing and repairing pump issues, including fault identification, troubleshooting techniques, and basic repair procedures.



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Pump Environmental Compliance:
Addresses environmental regulations and best practices related to pump operation, including emissions control, noise reduction, and waste management.



Pump Assembly & Installation Training:
This program covers the assembly, installation, and alignment of pumps, including centrifugal pumps, positive displacement pumps, and submersible pumps. Participants learn about pump selection, piping, impeller installation, and seal assembly.

Pump Operation and Control Training:
Focused on pump operation, this training program covers pump controls, startup and shutdown procedures, flow regulation, and safety practices.

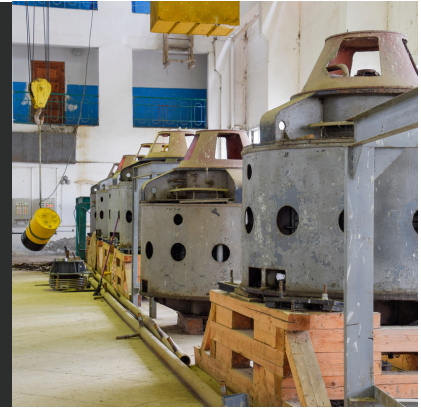


Pump Maintenance and Inspection Training:
Covers routine maintenance tasks, preventive maintenance scheduling, and inspection techniques to ensure pumps operate efficiently and reliably.



Centrifugal Pump Technology and Maintenance:

Specific to centrifugal pumps, this program provides in-depth knowledge of pump components, impeller design, performance curves, and maintenance practices.



Positive Displacement Pump Technology and Maintenance:

Focusing on positive displacement pumps, this program covers different types (e.g., piston, gear, diaphragm pumps), operation principles, and maintenance techniques.



Submersible Pump Installation and Maintenance:
Addresses the installation and maintenance of submersible pumps used in applications such as groundwater pumping & wastewater treatment.

Pump Safety & Regulatory Compliance Training:
Emphasizes safety practices when working with pumps, including hazard identification, safety regulations & compliance with industry standards.



Pump Vibration Analysis and Condition Monitoring:

Training on vibration analysis techniques for monitoring pump health, identifying potential issues, and predicting maintenance needs.



Pump Controls and Automation Systems:

Covers pump control systems, PLCs, SCADA systems, and automation technologies used for efficient pump control, monitoring, and remote operation.



Pump Selection and System Design:

Focuses on pump selection, system design considerations, flow calculations, and hydraulic analysis for efficient fluid transfer.

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.

