

# TRAINING ON INDUSTRIAL LIGHTING

- Switch On Success: Mastering Industrial Illumination!



# 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 Industrial Lighting

Pertecnica Engineering illuminates the path to expertise with its specialized training modules tailored for mastering industrial lighting. Our programs encompass a comprehensive understanding of lighting technologies, design principles, energy efficiency strategies, safety compliance, and maintenance practices. Led by industry professionals, our training provides hands-on experience in assessing lighting requirements, selecting optimal fixtures, and implementing innovative lighting solutions for various industrial settings.

### Employee Trainings on Industrial Lighting

#### Industrial Lighting Design and Planning Training:

- Covers the principles of industrial lighting design, including lighting calculations, layout planning, illumination standards, and energy-efficient design techniques.



#### Lighting Fixture Selection and Technology Training:

- Focuses on the selection of lighting fixtures, lamps, and technologies suitable for industrial applications, including LED lighting, high-intensity discharge (HID) lamps, and fluorescents.



### Lighting Control Systems and Automation Training:

- Covers lighting control systems, sensors, timers, and automation technologies used for efficient lighting management and energy savings.



### Industrial Lighting Installation and Wiring Training:

- Addresses the practical aspects of installing and wiring industrial lighting fixtures, including proper mounting, wiring methods, and safety practices.

### Energy-Efficient Lighting Solutions and Retrofitting Training:

- Focuses on energy-efficient lighting solutions, retrofitting existing lighting systems with more efficient technologies, and calculating energy savings.



### Lighting Maintenance and Inspection Training:

- Covers routine lighting maintenance tasks, preventive maintenance scheduling, and inspection techniques to ensure optimal lighting performance.



### Industrial Lighting Safety and Compliance Training:

- Emphasizes safety practices when working with industrial lighting systems, including hazard identification, electrical safety, and compliance with lighting regulations.



### Emergency Lighting and Exit Sign Maintenance Training:

- Addresses the maintenance and testing of emergency lighting and exit sign systems required for safety in industrial facilities.

### Hazardous Location Lighting Training:

- Covers lighting solutions and fixtures suitable for hazardous and classified locations, including explosion-proof and intrinsically safe lighting.



### Daylight Harvesting and Natural Lighting Integration:

- Training on integrating natural lighting and daylight harvesting strategies into industrial facilities to reduce energy consumption and enhance indoor comfort.



### Lighting Design Software Tools:

- Training on using software tools for lighting design, simulation, and analysis to optimize lighting layouts and energy efficiency.



### Industrial Lighting Environmental Compliance:

- Addresses environmental regulations and best practices related to industrial lighting, energy reporting, and sustainability initiatives.

### Human-Centric Lighting and Health Benefits:

- Explores the concept of human-centric lighting and its potential benefits on productivity, health, and well-being in industrial settings



## 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.

