

Training - Operation of electrical networks on industrial sites



483-EN-P



Face-to-face only



3 days

The training aims to strengthen the understanding of electrical infrastructure, improve the ability to analyze incidents and promote autonomy in the application of safety procedures

Level

Knowledge

Public

- Operating personnel in charge of the electrical network, sector manager and energy operation foreman, electrical service technician (new position), foreman and maintenance service manager in charge of a contract

Objectives

Attendees will be able to implement the following skills:

- operate the electrical networks of an industrial site safely
- ensure reliable operation of networks
- identify malfunctions
- implement operating procedures to ensure the safety of installations

Pedagogical & technical resources

- Case studies, role-plays, exercises, and incident simulations
- Quiz
- Individualized follow-up with feedback from the trainer, learners and sponsor

Assessment of achievements

- Participants will be evaluated throughout the training through quizzes and exercises

Prerequisites

No prerequisites are necessary to follow this course

Responsible

TotalEnergies Learning Solutions trainer, with expertise in the field and trained in modern teaching methods adapted to the specific needs of learners from the professional world

Program

DESCRIPTION

Know the regulations in force.

Identify and avoid electrical hazards.

Recognize grounding patterns.

Identify the different equipment and know their functions.

Know the various forms of network architecture that meet different availability needs:

- Departures, arrivals and couplings.
- Loops and antennas.

- Replacement production, backup production, etc.

Understand the rules of source coupling.

Identify the main electrical faults:

- Overloads.
- Homopolar.
- Short circuit...

Recognize and identify electrical protections, redundancies and their selectivities.

Analyze an electrical incident.

Please contact our disabled persons referent to check the accessibility of this training program:

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