
Electrical maintenance – industrial power plant (K-EA-104)

Target Group

This course provides an insight into the individual electrical components which are needed for the operation of turbine and generator. The course shall clarify the interaction of the components and it enables the staff to operate the plant, to recognize and delimit faults independently and to support the service technician of the manufacturer, respectively.

Content

The training contains a theoretical part about the following components. The course materials are adapted system-specifically.

Generator: structure and function

Excitation system /voltage control

Generator protection / synchronization

Turbine sub-distribution: 400V AC, 110/220V DC, 24V DC

Battery system

Miscellaneous components

Prerequisites

Target group: Service staff of an industrial power plant

Requirements: Basic knowledge of electrical engineering and practical experience in electrical maintenance

Number of participants: 2-10

Language: English

Duration: 2-3 days

Location:

Power Academy Erlangen

Onsite

Virtual Classroom

Date: upon consultation

Type

Face-to-face training

Duration

3 days

Language

en