

Training - Centrifugal pumps



4275-EN-P



Face-to-face only



5 days

This training strengthens the technical skills of professionals in the field of centrifugal pumps, allowing them to understand how they work, to master the selection and installation criteria, and to optimize their operation in various industrial environments

Level

Knowledge

Public

- Graduate engineers involved in centrifugal pump operation, maintenance or engineering

Objectives

Attendees will be able to implement the following skills:

- explain the operation and use of centrifugal pumps and the selected technical solutions
- contribute to diagnosing incidents encountered on these machines
- pre-select and size a centrifugal pump, either to adapt to modified operating conditions or for a new installation

Pedagogical & technical resources

- Theoretical contributions
- Practical applications via dynamic simulators and case studies

Assessment of achievements

- Quiz

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

Hydrodynamic analysis of a pumping service (2 days):

- Operation of a centrifugal pump.
- Influence of the circuit and the operating point.
- Tutorials on a dynamic simulator.

Technical solutions (2 days):

- Criteria for choosing a centrifugal pump.
- Mechanical seal selection.
- Installation constraints and ATEX zones.

Operation of centrifugal pumps (1 day):

- Good operating practices.
- Incident diagnosis.
- Adaptation to market conditions.

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

tis-handicap@totalenergies.com