

Training - 360° Pathway - Centrifugal Compressor



61236954-EN-E



E-Learning



1 hour

This training allows students to develop knowledge of centrifugal compressors, their operation and the associated common operations

Level

Knowledge

Public

- Operational staff or technical support (technician or engineer) on the field or in technical support

Objectives

Attendees will be able to implement the following skills:

- recognize the key components of centrifugal compressors: compressor, motor, coupling, seals and lubrication system
- describe the function of each of these components and their criticality
- know the different types of centrifugal compressors and master the essential concepts for their operation
- know how to safely operate a centrifugal compressor
- understand the importance of monitoring auxiliaries (oil circuits, valves)
- know how to operate safely a centrifugal compressor: pre-start checks, the follow-up in the functional phase, equipment shutdown
- know the main risks, explain the common problems potentially encountered in operation phase, list the corrective actions to implement
- know the key points to check during an operator tour

Pedagogical & technical resources

- Case Studies and Industry REX
- Interactive pedagogy
- Immersive session with 360° images

Assessment of achievements

- Entry and exit 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

Positioning at the entrance to the course.

Technical knowledge of centrifugal compressors.

Operational practices in operation.

Operator tour of the equipment.

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

tls-handicap@totalenergies.com