

Training - Managing erosion-corrosion on production facilities



50083463_001-EN-E



E-Learning



1 hour

This e-learning module makes non-specialists aware of the phenomena of erosion and erosion-corrosion in industrial facilities

Public

- Design, Process, construction & production, inspectors, junior corrosion engineers...

Objectives

Attendees will be able to implement the following skills:

- identify erosion and erosion-corrosion mechanisms
- recognize the challenges associated with controlling these phenomena
- propose preventive solutions adapted to the operational context

Pedagogical & technical resources

- Concrete illustrations from the field
- An alternation between theoretical contributions and role-playing
- Interactive materials promoting autonomy and commitment

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

Fundamental definitions: vocabulary and mechanisms of erosion and erosion-corrosion.

Industrial issues: presentation of the problems encountered in the field and the associated impacts.

Forecasting tools: introduction to methods for anticipating erosion-corrosion phenomena.

Prevention solutions:

- In the design phase: choice of materials, adapted design.
- In the operation phase: monitoring, maintenance, operational adjustments.

Operational constraints: technical and organizational limits to be taken into account in the implementation of solutions.

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

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