ENGINEERING TRAINER

Crude Distillation Unit Overview

This crude-distillation course introduces the purpose and main sections of a CDU, its atmospheric-distillation process flow and the role of the VDU. It gives equipment, inspection, maintenance and integrity roles a starting point needed for later corrosion work. This self-paced online course includes video lectures and a completion certificate with PDH credits.

Buy This Course

Request a Quote or Invoice

ONLINE	SELF-PACED	1-YEAR ACCESS
1 MODULE	0.5 PDH	0.5 HOURS

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What you'll learn

Crude distillation separates crude oil into useful fractions through atmospheric and vacuum distillation. This course introduces the purpose and main sections of the crude distillation unit, its main process flow and the role of the vacuum distillation unit.

Skills you'll gain

- ✓ understand the purpose and main sections of a crude distillation unit
- ✓ can describe the main process flow through atmospheric distillation
- ✓ understand the purpose of the vacuum distillation unit and its relationship to the CDU

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About the instructor

Christian Lewis

Christian Lewis is an Integrity Services Manager and trainer whose work focuses on corrosion, materials and integrity management. His experience covers corrosion mechanisms, refinery corrosion loops, crude and vacuum distillation, damage recognition and mitigation.

Who this course is for

- ✓ Process engineers who need an introduction to crude and vacuum distillation
- ✓ Refinery operations personnel who work with crude or vacuum distillation units
- ✓ Mechanical equipment engineers who need a first understanding of the process context for CDU and VDU equipment

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COURSE CONTENT

Distillation Unit Overview

- Crude distillation unit (CDU): purpose and main sections
- CDU process flow: crude preheat, atmospheric distillation and product streams
- Vacuum distillation unit (VDU): purpose and relationship to the CDU