

Overview

Multi-choice test that measures the conceptual knowledge of transport phenomena, chemical process engineering and technology, chemical process principles, stoichiometry and process calculations.

Relevant Job Roles

Chemical Engineer, Chemical Technician, Research Chemical Engineer, Chemical Plant and System Operator

Details

Language

English (US)

Average Testing Time (minutes)

13 minutes

Allowed Time (minutes)

20 minutes

Maximum Number of Questions

20 questions

Number of Sittings

One

Test Type

Multiple Choice - IRT (1PL)

Sector

Engineering

Scores Reported

- Overall Score
- Chemical Process Calculation and Thermodynamics
- Chemical Process Control and Technology
- Transport Phenomena

O*NET Competency

Engineering and Technology

Knowledge, Skills, Abilities And Competencies Measured

The following areas are covered:

- Chemical engineering thermodynamics
- Chemical reaction engineering
- Chemical process technology
- Instrumentation and process control
- Industrial stoichiometry and process calculations
- Fluid mechanics
- Heat transfer
- Mass transfer