

OPERATOR TROUBLESHOOTING COURSES

Improving troubleshooting and critical thinking skills of console and outside operators through a proven combination of classroom and simulator-based training exercises.

These two-day courses allow operators to improve their troubleshooting skills while using generic training simulators. Our unique blend of DCS simulation, a virtual reality field outside operator, and comprehensive course exercise booklets help operators to strengthen an Operations Mindset™ that can be hard to maintain in an ever-increasing automated industry.

WHO SHOULD ATTEND?

- Console Operators
- Field Operators
- Early-career Process Engineers

WHAT TYPE OF SIMULATORS ARE USED IN THESE COURSES?

- Distillation Column
- Absorber & Stripper System
- Fired Heaters
- And 36 more generic process modules
- Centrifugal Pumps
- Reactors
- Boilers

COURSE CATERGORIES

- Fractionation Operations for Early-Career Engineers
- Basic Refinery & Petrochemical Operations
- Batch Operations
- Furnace Operations
- Plant Utilities
- Power Plant Operations
- Pumps & Compressor



120+
Training
Courses
Conducted

1400+
Operators
Trained

1
Comprehensive
Training
Solution



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PetroSkills

Simulation Solutions



Using an innovative approach to both classroom and simulator exercises, the courses focus on improving:

- Operator Safety
- Critical Thinking Skills
- Competency and Hands-On Skills in
- Operating and Troubleshooting

The INSTO™ Approach

Identification:

Learn how to come into a new plant and figure out what is there, how it is connected using P&IDs, the plant itself, and the controls.

Normal Operations:

Understand how the plant runs under normal conditions and learn/develop a sense of “expected results” when making operational moves on a plant.

Start-Up and Shut-Down:

Follow detailed and time critical procedures for start-up and shut-down, starting with a sense of the proper order and important safety issues.

Troubleshooting and Upsets:

Learn to approach plant problems/upsets and troubleshoot them in a systematic way. Learn how to implement safe solutions and/or call for an emergency shut-down.

Optimization and Operating Strategies:

Learn to maximize productivity/profits through the safe limits of operation given the current set of equipment, controls, feedstock, etc.

Courses can be held at your facility or through virtual instruction.

See full details at petroskills.com/sim