

## Course Content

**Title:** Turnaround Training for Process Engineers

**Potential PDH:** 16

**Code:** BTT025

### Description:

Upon completion of this course, participants will understand, be able to prepare for, and complete their responsibilities in support of a unit turnaround.

### Outline:

1. Introduction: What is a Turnaround?
2. Preparing for a Turnaround:
  - Definition of Work Scope
  - Planning Each Scoped Item
  - Sequencing and Plans for Execution
3. Preparing the Unit for Turnaround
4. Turnaround Risks and Safety; Equipment Inspection
5. Turnaround Roles:
  - Operations
  - Maintenance and Mechanical Work Leads
  - Turnaround Planners and Coordinators
  - Inspection
  - Reliability Group
  - Process Engineering
6. Examples of Equipment Inspection
  - Vessels, Drums, and Separators
  - Heaters and Exchangers
  - Pumps and Compressors
  - Towers (packed and trayed)
  - Reactors (fixed and moving bed)
7. The Importance of Good Turnaround Record-Keeping - and Its Value to Future Turnarounds

### Instructor: