

Process Hazard Analysis Leader with LEADER Software

C110S Classroom

DAY 1: 8:00 A.M. TO 5:00 P.M.

- Introduction
- Process safety management and risk assessment concepts
- PHA requirements
- What-if/checklist technique
- Workshop: What-if/checklist review of a continuous process
- Analysis scope

DAY 2: 8:00 A.M. TO 5:00 P.M.

- HAZOP technique
- Analysis preparation
- Analysis meeting
- Workshop: Example HAZOP (instructor-led)
- Workshop: HAZOP review of a continuous process

DAY 3: 8:00 A.M. TO 5:00 P.M.

- Workshop: HAZOP review of a continuous process (continued)
- Analysis documentation, results, and follow-up
- Human factors concepts
- HAZOP/what-if techniques for analyzing procedures and batch processes
- Workshop: Example HAZOP (instructor-led)

DAY 4: 8:00 A.M. TO 3:30 P.M.

- Workshop: HAZOP/what-if reviews of batch processes and procedures
- PHA revalidation overview
- Certification examination (optional)
- LEADER software demonstration
- Critique of HAZOP leaders and course review

DAY 5: 8:00 A.M. TO 3:00 P.M.*

- Finding your way around in the LEADER software
- Preparing for a study
- Scribing tools (links, shorthand, clipboard, etc.)
- Producing and customizing reports
- Risk analysis tools (risk matrixes, cause-by-cause, LOPA)
- Creating and using project templates
- Managing and tracking changes
- Customizing tools and settings
- Advanced utilities, macros, and table audit functions
- Other features, questions, and wrap-up

*Bring your laptop to participate in workshops and gain an in-depth understanding of the software.