

Course Title: SACHE® Hazards and Risk: Hazard Identification and Risk Analysis

Course ID:	Course Type:
ELA983	eLearning Course
http://www.aiche.org/ela983	

Course Outline

Unit 1: HAZOP Study Method

- The composition of the HAZOP team and its importance
- Methods to determine boundaries on the P&ID
- Selecting HAZOP nodes based on the boundaries
- Identifying adequate safeguards
- Using a Risk Matrix to determine recommendations

Unit 2: More HAZOP Guidance and Additional HIRA Methods

- Understand use of Product Line or Generic hazard reviews
- Describe Checklist hazard review methods
- Understand the importance of revalidation HAZOPs
- Understand of Hazard Review Leader responsibilities
- Describe some common HAZOP study mistakes
- Recognize several risk quantification methods