

Course Title: SACHE® Certificate Program RBPS Manage Risk - Asset Integrity

Course ID:	Course Type:
ELA998	eLearning Course
http://www.aiche.org/ela998	

Course Outline

Unit 1: Asset Integrity

- Define ***asset integrity***
- Know where asset integrity fits into Risk Based Process Safety
- Identify the three life cycle AIMS of asset integrity management (AIM)
- Understand *quality management* as it relates to asset integrity

Unit 2: Build Asset Integrity into the Process Design

- Recognize the significance of *fitness for purpose*.
- Understand the importance of codes, standards, and practices in building asset integrity into the process design.
- Select assets to be included in an asset integrity management (AIM) program.
- Use process safety metrics related to **AIM #1**.

Unit 3: Maintain the Integrity of Assets

- Understand what it takes to maintain the integrity of assets over time.
- Recognize inspection, testing, and preventive maintenance activities related to specific asset types.
- Use process safety metrics related to **AIM #2**.

Unit 4: Manage Deficiencies and Failures

- Understand what it takes to manage asset deficiencies.
- Recognize acceptance criteria.
- Avoid incidents related to temporary repairs.
- Use process safety metrics related to managing asset deficiencies.