Prestart-up Safety Review (PSSR)

Course Description

Module 1: Defining a PSSR
This module introduces the what, when, where and why a PSSR is required and applied.

Module 2: Implementation
Participants will examine the steps for implementing a PSSR.

Module 3: Field Inspection
In this module, participants will identify team members and competencies, as well as the PSSR requirements for changes or maintenance of hazardous facilities.

Module 4: Linkages to Other PSM Elements and Requirements
Participants will see how PSSR links to other elements of the PSM system.

Learning Objectives
In order to accelerate skill development, this course features a problem-based learning approach that provides a collaborative job-focused experience. Participants will get a better understanding of the planning and application of PSSR, see the value for performing a PSSR, demonstrate PSSR competency requirements, identify novel deficiencies in the design, operation and PSM for a facility, and collaboratively build a personal compilation of recommendations to apply on the job.

Length: 2-day course

Pre-requisites:
• PSM 101: PSM Overview
• Prior exposure to operations, maintenance, projects

Audience
The Prestart-up Safety Review course is designed for projects, operations, safety, and maintenance managers; projects, technical, operations and maintenance engineers; PSSR element leaders and team members; and site process safety management (PSM) committee leaders and team members.

Results and Path Forward
After completing this course, participants should compile a list of action items based on their learning to apply back on the job. This starts with writing new or upgrading existing PSSR procedures. To build competency at the individual level, the participant should identify a coach, apply the updated PSSR to two major changes, and get assessed on the competency requirements for applying PSSR.

It is recommended that participants go through an e-learning refresher course once a year and instructor-led refresher training once every three years.