LUPATECH CANADA
CALGARY, AB CANADA
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Management of Change (MOC)

Overview

Many accidents had happened in industry due to “last minute changes” or changes without detail analysis of associated risk. The concept of Management of Change focus on a step-by-step approach to ensure that any change that is needed in a facility is properly evaluated -from the Process Safety point of view- including a detail Process Hazard Analysis. Scenarios where the need for a solution was prioritized over safety and ended in terrible consequences are presented to emphasize on the need for proper Management of Change (MOC). Strategies on how to tackle and MOC and the PHA methods required for evaluation are presented.

Program Outline

1. **Introduction**
   a) Concept
   b) History (Icarus)
   c) 5W of MOC

2. **MOC steps**
   a) Definition
   b) Initial Evaluation
   c) Permanent or Temporary
   d) Process Hazard Analysis

3. **Process Hazard Analysis for MOC**
   a) Definition
   b) Method Selection
   c) PHA evaluation

4. **MOC Final Evaluation**
   a) Historic Cases
   b) What after PHA
   c) Moving forward

5. **Practical Exercises**

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Who should attend?

Program is intended for Engineers, Operators, Supervisors and Managers that are involved in plant modifications or changes and Process Safety Professional experienced or not. Any person interested in learning about Process Safety will benefit of this program.

Learning Outcome:

After the course, the participants will able to

- ✓ Understand the concept of MOC and its relationship with PSM
- ✓ Understand the steps required for MOC preparation
- ✓ Understand the strategies to define the best PHA method to evaluate an MOC.
- ✓ Learn how to manage a scenario that may require a MOC study.

Instructor:

Germán Luna-Mejías, BSc ChE, P. Eng., FS Eng. (PH&RA).
Member of AIChE, CSChE and Professional Engineer in Alberta, Canada.
He holds a Chemical Engineer Degree from Universidad Simon Bolivar (Venezuela); with more than 35 years of experience in the Oil & Gas Industry in Venezuela and Canada. Broad experience in Process Engineering, Operation's Engineering, Process Safety and Volunteer Firefighter for Refinery Operations. His work in Process Safety is focused in HAZOP/LOPA facilitation, consulting and training. He has authored and presented several papers in worldwide conferences: Global Congress for Process Safety, Canadian Chemical Engineers Society Annual Conference (PSM Symposium), Jordanian International Chemical Engineers Conference, and Latin-American Process Safety Conferences. He is the founder of LUPATECH CANADA.

Additional program details

- This program is 8 hours long. (2 days x 4 hrs each is also available).
- International standards (CCPS, API) are used in this training.
- Completion certificate available
- Training available virtual & on-site for larger groups.

Information & Registration :

- Email us: **german@lupatechltd.ca**