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# Process Safety Management for Managers

## Overview

One of the key elements in Process Safety is organizational culture. Which means the way we do things here and this is very important that management understand the way we do things here, but not only understand, but preach with example, what we do here. It is important for the manager to be a leader: good preparation, good motivation, etc. Using worldwide experiences this training program give managers clear guidelines to perform best to an excellent PSM culture.

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## Program Outline

- 1. Process Safety Management**
  - a) Introduction
  - b) History
- 2. Elements of Process Safety Management**
  - a) Elements' description
  - b) Process Safety Culture
  - c) Management Review and Continuous Improvement
- 3. Revision of 5 previous Accidents**
  - a) Columbia Accident
  - b) Challenger Accident
  - c) Piper Alpha Accident
  - d) Flixborough Accident
  - e) Amuay Accident
- 4. Common causes and lessons learned**
  - a) Safety Culture
  - b) Open communication
  - c) Normalization of Deviations
  - d) Others
- 5. The Manager's task**
  - a) Foundations (Pillars)
  - b) Strategies
- 6. Design your plan**

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## Who should attend?

Program is intended for Engineers and any technical professional with supervisory or management responsibilities in any Industry that is Process Safety driven. Future supervisors and managers will benefit as well.

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## Learning Outcome:

After the course, the participants will be able to:

- ✓ Understand the importance of Process Safety
- ✓ Understand the importance of Process Safety Culture
- ✓ Learn guidelines to preach Process Safety
- ✓ Develop a draft plan for their organizations.

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## 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.

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## 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.

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## Information & Registration :

- Email us: [german@lupatechltd.ca](mailto:german@lupatechltd.ca)