

Process Hazard Analysis (PHA) Leadership

PHA LEADERSHIP

Bandung, 1 – 3 April 2014
Jakarta, 9 – 11 Juli 2014
Bandung, 19 – 21 November 2014

The risk review techniques most popular for initial PHAs of entire units or of large projects, MOC reviews, and PHA revalidations are hazard and operability (HAZOP) analysis and what-if/checklist. Both of these techniques facilitate systematic, imaginative searches for process hazards and potential operational difficulties. In this PHA Leadership Training, you will also learn how to use the failure mode and effects analysis (FMEA) method and you will learn how to use checklists of hazards to supplement your brainstorming analyses. You will learn the best situations and circumstances to use each technique. This PHA Leadership Training course is mostly workshops: You will lead and participate in several analyses to familiarize yourself with each technique.

Who Should Attend this PHA Leadership Training?

Process engineer or project engineer
Operations supervisor
PSM coordinator
E, H, & S Managers & Engineers

What You Will Learn on this PHA Leadership Training?

How to perform a PHA to meet PSM requirements for initial PHAs and management of change analyses including these critical elements:
How to prepare for the PHA; Scope the PHA; Collect information; Select the team; Lead a meeting; Document results
How to analyze operating procedures for critical accident scenarios
How and when to apply HAZOP, FMEA, and/or what-if/checklist analyses methods to any process system in any industry

PHA Leadership Training Course Outline

Introduction: Learning objectives; Overview of process safety management; Risk assessment concepts; Overview of PHA requirements
Overview of risk review methods: Methods and their usefulness over the life cycle of a process; Making risk judgments; Human factors concepts and how to address human factors during hazard evaluations
Preparing for the hazard evaluation (risk review or PHA): Scoping the analysis; Choosing technique and level of detail and sections; Choosing the team members; Logistics and procedures for pre-meeting, meeting, and post-meeting tasks
What-if/checklist technique: Workshop: What-if/checklist review of a continuous process
HAZOP technique: Workshop: HAZOP review of a continuous process
Analysis documentation, results, and follow-up: Workshop: HAZOP review of a continuous process, HAZOP/what-if techniques for analyzing procedures and batch processes
Failure Mode Effect Analysis (FMEA): Workshop: FMEA of a critical auxiliary system
Checklist analysis as supplements to brainstorming methods: Workshop: Using Checklists after brainstorming methods
Workshop: Estimating the schedule & labor required to perform a PHA

INVESTMENT

| | |
|---|-----------------|
| Pendaftaran per peserta | IDR 8.249.000,- |
| Pendaftaran & Pelunasan 2 minggu sebelum training | IDR 7.999.000,- |
| Gratis orang ke 5, untuk pendaftaran 4 orang dari satu perusahaan | |

Fasilitas PHA leadership Training : Modul Training yang berkualitas (hardcopy dan softcopy), Training Kit: tas, Block Note, ballpoint, termasuk jaket atau t shirt, Lokasi training yg nyaman di hotel berbintang empat / lima, Makan Siang, coffee / tea break, Sertifikat, Flash disk berisi materi training, Foto bersama seluruh peserta training PHA Leadership Training

For further information on training fees and scheduled dates, contact us at:



PT. Phitagoras Global Duta
Ruko Golden Boulevard
Blok Q no 19. Jl. Pahlawan Seribu – BSD City Serpong,
Tangerang Selatan 15322
Telp : (021) 53161424, 53161425, 70904580
Fax : (021) 29608116
Email: info@phitagoras.co.id
Web Site : www.phitagoras.co.id