

ACCIDENT INVESTIGATION AND ROOT CAUSE ANALYSIS COURSE

Training Date: 26 Feb. – 01 March 2012 (5 Days) **Training Time:** 7.30am – 2.30pm
Training Venue: Swiss Belhotel Doha, Qatar **Training Fee:** USD3,500 per participant

COURSE OVERVIEW

This course is intended to provide participants with an understanding of the investigating incidents and analyzing management system performance to solve problems and optimize performance. The application of widely used investigative tools can make the analysis more effective and efficient. This course helps develop skills for structuring an investigation program for a company.

COURSE OBJECTIVES

The program shall identify the steps and understand the activities in Accident investigation. It will also include presentation and practice on root cause analysis for achieving the major cause/s as an outcome of the analysis. The sessions will also highlight safeguarding from the hazards as control requirements, case studies on what went wrong.

WHO SHOULD ATTEND?

- Engineers – process, process safety, and mechanical
- Operations and Maintenance Staff – senior operators, maintenance technicians, supervisors
- Process reliability staff
- Process quality control/assurance staff

WHO SHOULD ATTEND?

- Knowledge, skills and methodology for investigating accidents/incidents.
- Understanding how analysis of accident/incident information can lead to the Root causes
- Skills to conduct a more effective investigations
- Knowledge, skills and methodology for the Root Cause Analysis Technique (RCAT)

COURSE OUTLINES

- Accident – definition, sequence of events and understanding human role.
- Accident history and cases – Analysis and lessons learnt.
- Accident investigation and prevention – accidents of reasons, result and repair.
- Accident case studies in following areas:
 - ✦ Process and chemical industry
 - ✦ Machines and equipment
 - ✦ Fire
 - ✦ Explosions
 - ✦ Electricity
 - ✦ Other areas
- Accident/Incident – applicable concern at different stage of any event.
- Safe Guarding from hazards of process industry, Petrochemical industry and other general areas.
- Root cause analysis and reporting accident investigation.
- Steps of Accident investigation:
 - ✦ Site visit – What to look for
 - ✦ Interviewing people – How questions are asked ?
 - ✦ Analysis and background study
 - ✦ Preparation Of documented report
- Identification of root cause from case study.

COURSE INSTRUCTOR

Mr. Pradyut Mitra is graduated with Bachelor in Chemical Engineering from Indian Institute of Technology and Masters in Business Administration from Indian Institute of Management.

He is a member for the professional organization in India such as;

- Life Member of the Indian Institute Of Chemical Engineers
- Member of the Institute of Engineers (India)
- Chartered Chemical Engineer as Conferred by Institute Of Engineers' (India)

Throughout his professional career, he holds several positions in oil & gas and petrochemical industries;

- Production Engineer with Pfizer Limited
- Plant Manager and Technical Services Manager with Gharda Chemicals Limited
- Head of Regional Productions with Praxair India Ltd
- Auditor with KPMG.

Since the past 10 years he has delivered training courses in various areas such as; Safety in Oil & Gas, improvement areas of Quality, Health and Safety & Environment, Hazard Identification & Risk Assessment, HAZOP, QRA, Consequence Analysis of Hazardous Processes.

SELECTED CUSTOMERS



ABOUT CfPE TECHNOLOGY SOLUTIONS?

The Center for Professional Enhancement Technology Solutions (known as CfPE Technology Solutions) is incorporated in July 2001 and began as a training and consulting company for power plant, oil & gas and petrochemical sectors in Malaysia.

With a small team of experienced and dedicated engineers and multi skilled technical staff we have come a long way. From those humble beginnings, we have successfully grown and today we have achieved reorganization as a premier in organizing short training in Malaysia.

Our professional experience and excellent consulting strengths provide insights and understanding of the challenges facing the industries we serve. CfPE Technology Solutions aims to make a difference.

The need for leading-edge training has intensified and is advancing beyond all expectation; it is the basis upon which performance can be measured in an increasingly competitive marketplace.

In the world of today, it is not simply a case of having the necessary professional skills; people must develop interpersonal skills alongside their ability to handle the changes brought about by technological progress.

We expect the people who attend our training courses to make an immediate impact, both back at the workplace and in their career and personal development.

CfPE Technology Solutions is a training and consulting company dedicated to increasing our client's competitive edge through the improved performance of their human and capital assets.

We aspire to make significant and lasting improvements in our clients' strategic focus and business performance.

CfPE Technology Solutions' mission is to assist and enable world-class companies to increase productivity and performance through their most vital assets - the workforce.

Registration Form

Please Send Your Registration To:

Tel:	006.013.208.2143	Fax:	006.09.617.8443	E-mail	info@cfpets.com
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Course Details

Course Name:	Accident Investigation and Root Cause Analysis (RCA) Course	Course Date:	26 Feb. – 01 March 2012
Venue:	Swiss Belhotel Doha, Qatar	Fee:	USD3,500.00

Company Information

Organization	
Address	

HR / Training Manager

Name :	
Tel no.:	
Fax no.:	
E-mail :	

Invoice to be sent to

Participant Information

	Participant # 1	Participant # 2	Participant # 3
Full Name :			
Job Title :			
Department :			
Telephone No. :			
Mobile No. :			
Fax No. :			
E-mail Address :			

Please Pay by Telegraphic Transfer to:

Account Name :	CFPE TECHNOLOGY SOLUTIONS
Account No. :	563064120047
Bank Name :	Maybank Islamic Berhad
Branch Name & Address :	Malayan Banking Berhad – CPI, JALAN AIR JERNIH, KUALA TERENGGANU, TERENGGANU, MALAYSIA.
SwiftCode :	MBBEMYKL

CFPE TECHNOLOGY SOLUTIONS

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