



**American Society of Safety Engineers**

*Protecting people, property, and the environment since 1911*

**Southern Nevada Chapter**

*Presents...*

# Comprehensive Incident Analysis

**\$150 for ASSE Members  
\$200 for nonmembers  
1.5 CEUs**

This is a course developed by Safety Professionals volunteering their time for the purpose of providing an affordable means to improve your knowledge of safety engineering concepts and improve the safety of your workforce.



**Date:** January 22 – 23, 2009

**Time:** 8:00am – 5:00pm

**Location:** Atomic Testing Museum

## Course Description:

This two-day course is designed for safety professionals, managers, supervisors, and others who would like to improve their incident analysis skills. The course provides a comprehensive look at the five phases of an incident analysis through group discussions, individual and group exercises, and case study. Incident causation theories, models, and analysis methodologies will be emphasized.

## Learning Objectives:

Upon completion of the seminar, participants will achieve the following core learning objectives:

1. Understand the key role that incident analysis plays in incident prevention programs
2. Recognize the factors that influence safety, and the underlying causes of incidents
3. Learn how to perform and facilitate the five phases of an incident analysis
4. Learn how to effectively interview witnesses and key personnel
5. Select and apply various causal analysis methodologies

January 22

**Incident Analysis Overview**

- Why Perform Incident Analysis; The 5 Phases of Incident Analysis; Factors Influencing Incident Analysis.

**Incident Causation Theories & Models**

- Introduction to Incident Causation; Incident Causation Theories & Models; Human Error Theories & Models.

**Incident Control Methods**

- The Essence of Safety; Hazard Control Methods; Human Error Control Methods.

**Phase 1: Planning**

- Determining the Incident Analysis Scope; Developing an Incident Analysis Plan; Facilitating an Incident Analysis Team.

**Phase 2: Fact Finding**

- Inspecting the Incident Scene; Interviewing Witnesses and Key Personnel; Reviewing Systems and Documentation.

**Interviewing Skills Exercise**

- Witness & Key Personnel Statements; Witness & Key Personnel Interviews.

January 23

**Phase 3 - Causal Analysis**

- Causal Analysis Perspectives; Causal Analysis Methodologies; Causal Analysis Tools.

**Causal Analysis Exercise**

- Contributing Factors Analysis; Root Causes Analysis

**Phase 4 & 5 - Corrective Actions and Reporting**

- Identifying Corrective Actions; Developing Corrective Action Plans; Generating an Incident Analysis Report.

**Incident Analysis Case Study**

- Piper Alpha Video Presentation; Group Discussion

**Incident Analysis Team Exercise**

- Incident Analysis Team Exercise; Team Presentations

**Incident Analysis Summary**

- Incident Analysis Summary; Incident Analysis Resources; Plus/Delta Exercise.

**Location:**

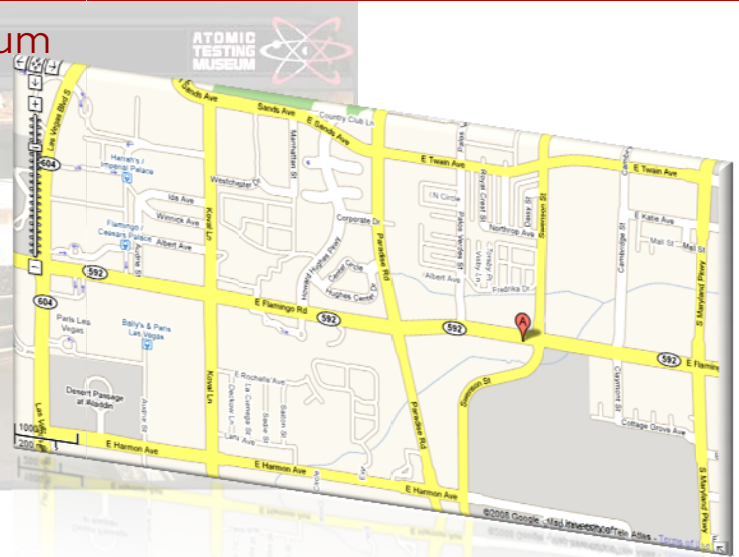
**Atomic Testing Museum**

[www.atomictestingmuseum.org](http://www.atomictestingmuseum.org)

755 East Flamingo Road  
Las Vegas, NV 89119

**Comprehensive Incident Analysis**

January 22-23, 2009  
8am -5pm



**Registration Fee:** \$150 for ASSE members \$200 for non-members  
**Send Registration form and payment to :** Ty Salazar at 2430 N. Decatur Blvd. Suite. 135  
**Make Checks Payable to:** ASSE – Southern NV Chapter  
**Questions:** Contact Angela Torres at 702-630-5421

**Registration:** Comprehensive Incident Analysis

Name	Title	Company
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