

**March 25-26****Root Cause Analysis****CEUs: 1.8**

Basic training on several root cause analysis techniques that can be used for problem solving or accident investigation. The student will understand the concept of root causes, how to identify them, and how to formulate corrective actions. Examples and exercises will be provided from historical sources. Several software driven tools will also be discussed.

**Target Audience:** Safety, Reliability, Quality, and Maintainability Professionals, and Managers, Supervisors, and others tasked with accident investigation or problem correction.

**Location:** 2525 Bay Area Blvd., Houston, Texas 77058.

**Cost:** \$525, includes breakfast and lunch. Payment must be received by March 17, 2008. (see note below)

**April 8-11****General Industry Safety and Health****CEUs 2.4**

Provides instruction on general industry safety and health topics at the introductory level. Topics include an introduction to OSHA standards, lockout/tagout, confined space electrical safety, and hazard communications. CFR 1910, Occupational Safety and Health Standards, is the primary source document for this course. Industry accident examples and experience have been integrated into the OSHA-provided course material.

**Target Audience:** Managers, Technical Personnel, and Safety Professionals who need a basic understanding of OSHA requirements.

**April 22-23****Control Team/Crew Resource Management****CEUs: 1.5**

Provides awareness of the human factors problems that too often result in accidents and offers recommendations and procedures for eliminating these problems; with an emphasis on safety risk assessment, crew/team coordination, and decision-making in crisis situations.

**Target Audience:** Safety Reliability, Quality, and Maintainability Professionals, and Managers, Engineers, and Technicians who work in a team environment and who must coordinate with, and depend on, others to accomplish work objectives and goals.

**June 3-6****Construction Safety and Health****CEUs: 2.4**

Students are prepared to effectively conduct construction inspections and oversight. Participants are provided with basic information about construction standards, construction hazards and control, health hazards, trenching and excavation operations, cranes, electrical hazards in construction, steel erection, ladders, scaffolds, concrete, and heavy construction equipment. Based on the OSHA Training Institute Construction Safety course and is approved for award of the OSHA course completion card.

**Target Audience:** Professional Safety and Health Personnel and Construction Managers, Construction Site Inspectors, and those whose day-to-day duties include construction work.

**Payment Required Before Course.** Credit cards/wire transfers accepted. Checks must be in US funds on US bank. Cancellations with full refund are allowed within 15 days before course. After that, no refunds, but substitution is allowed. If MEI Safety finds cancellation necessary, all course fees will be refunded. All travel expenses are the responsibility of the student and MEI Safety will not refund non-cancellable travel expenses.

**June 24-26****Life Safety Code****CEUs: 1.8**

Addresses the Life Safety Code (NFPA 101). It is an overview of the NFPA's code to protect people from fire in buildings and structures. Discussions will primarily focus on chapters 1 through 7, which address fundamental requirements, classification of occupancy and hazard of contents, means of egress, protection equipment, specific occupancies, and operation features.

**Target Audience:** Safety, Reliability, Quality, and Maintainability Professionals, and Fire Protection Professionals who are responsible for reviewing and designing drawings and inspecting facilities for fire safety.

**July 15-16****Root Cause Analysis****CEUs: 1.8**

Provides basic training on several root cause analysis techniques that can be used for problem solving or accident investigation. The student will understand the concept of root causes, how to identify them, and how to formulate corrective actions. Examples and exercises will be provided from historical sources. Several software driven tools will also be discussed.

**Target Audience:** Safety, Reliability, Quality, and Maintainability Professional, and Managers, Supervisors, and others tasked with accident investigation or problem correction.

**August 12-15****General Industry Safety and Health****CEUs: 2.4**

Provides instruction on general industry safety and health topics at the introductory level. Topics include an introduction to OSHA standards, lockout/tagout, confined space electrical safety, and hazard communications. CFR 1910, Occupational Safety and Health Standards, is the primary source document for this course. Industry accident examples and experience have been integrated into the OSHA-provided course material.

**Target Audience:** Managers, Technical Personnel, and Safety Professionals who need a basic understanding of OSHA requirements.

**September 9-10****Overhead Crane****CEUs: 1.2**

This course introduces the student to various types of overhead and gantry cranes and hoists used in general industry and construction operations. Includes a review of the pertinent OSHA and ANSI standards. Students are provided with basic information concerning crane safety, crane operations, crane inspections and maintenance, pre-lift plans, wire rope, rigging components and rigging safety. It will not result in certified operators unless accompanied by some hands-on training and evaluation.

**Target Audience:** Crane Operators, Crane Site Supervisors, Signalmen, Safety Personnel, Riggers, and others involved with cranes and/or material handling.

**Sep 30-Oct 3****Construction Safety and Health****CEUs: 2.4**

Students are prepared to effectively conduct construction inspections and oversight. Participants are provided with basic information about construction standards, construction hazards and control, health hazards, trenching and excavation operations, cranes, electrical hazards in construction, steel erection, ladders, scaffolds, concrete, and heavy construction equipment. Based on the OSHA Training Institute Construction Safety course and is approved for award of the OSHA course completion card.

**Target Audience:** Professional Safety and Health Personnel and Construction Managers, Construction Site Inspectors, and those whose day-to-day duties include construction work.

**Oct 21-24****System Safety****CEUs: 2.8**

This course instructs the student in the fundamentals of system safety management and hazard analysis of hardware, software, and operations. The student is introduced to a variety of publications that guide safety analysis, as well as to general reference texts on subject areas covered. Types and techniques of hazard analysis are addressed in enough detail to give the student a working knowledge of their uses and how they are accomplished.

**Target Audience:** Supervisors, and any Technical or Non-Technical personnel who perform safety analysis and/or manage system safety programs.

**November 18-21****Accident Investigation****CEUs: 3.0**

Workshop provides the knowledge and the analytical tools and techniques to conduct effective and efficient investigations and to report the results of those investigations clearly and concisely. The information presented is sufficient for investigation of major accident by members of boards of investigation, but is also easily adapted for use by individuals investigating lesser accidents.

**Target Audience:** Safety, Reliability, Quality, and Maintainability Professionals; Executive or Supervisory personnel selected for the standing body of board members, and anyone interested in, or subject to, being assigned to conduct accident investigations.