

# Investigating the Human Factor in Workplace Accidents

Given that the majority of accidents have human factors as a major causation factor, any accident investigation process would be incomplete without a strong focus on human factors.

This workshop will highlight how each facet of an accident is influenced by human factors and that you must question not only what people did, but why they did it. As part of the workshop, we will examine a number of workplace accidents from the human factors perspective to identify possible errors and recommendations for safety improvements.

## Key Learning Objectives

- Understand the wide range of human factors and how they can contribute to accidents and near-misses
- Discover how limitations in human performance can cause or contribute to accidents
- Know how to conduct a comprehensive investigation focusing on human factors
- Find the root causes through accident analysis
- Identify safety hazards conducive to human error
- Make recommendations to eliminate or reduce the consequences of faulty actions or decisions made by individuals or groups
- Know how to use interviews of witnesses to identify patterns of behaviour
- Understanding of models that may help investigations of human factor contributors in accidents

This workshop describes the key elements of an investigation in detail: remit, evidence gathering, interviewing techniques, analysis of immediate and underlying causes and recommendations. It emphasises the need for cooperation in the achievement of good accident investigation and improved safety management. To do this we will examine the following:

- The human contribution to accidents
- Investigation Overview
- Accident Investigation – Guiding Principles
- Detailed Steps in the Investigation Process
- Human Factor Overview
- Accident Causation Models
- Human Factor Models
  - Reason / HFACS / SHEL(L) / “Human / Hazard Interface Model”



## Target Audience:

The workshop will be of particular benefit to Safety Professionals, and in particular, Accident Investigators, seeking an understanding of the “human factor” in accident causation.

**Duration:** 2 days



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For more detailed information on this or any other any specialised training or consultancy services, please contact Eric Holliday on [eric.holliday@prosafemarine.com](mailto:eric.holliday@prosafemarine.com) or for general queries, please mail [info@prosafemarine.com](mailto:info@prosafemarine.com)