

# Hazard Assessment & Job Safety Analysis

## Introduction:

There are many definitions for the term “hazard” but the more common definition when talking about workplace health and safety is:

“A hazard is any source of potential damage, harm or adverse health effects on something or someone under certain conditions at work.”

Basically, a hazard can cause harm or adverse effects (to individuals as health effects or to organizations as property or equipment losses).

Risk is the chance or probability that a person will be harmed or experience an adverse health effect if exposed to a hazard. It may also apply to situations with property or equipment loss.

Shipyards have a death and accident/injury rate close to two times that of general industry. This means that either shipyard workers are exposed to more hazards, and/or the hazards are not controlled.

***At the completion of this workshop it is expected that all trainees will be able to better identify, evaluate and control its occupational health and safety risks on-board a ship and in the shop.***

## Specific Objectives:

At the completion of this lesson, it is expected that all trainees demonstrate:

- An understanding of hazard assessment terminology
- How to conduct a basic Hazard Assessment
- How to conduct a Job Safety Analysis

**Target Audience:** Front Line Shipyard Workers, Leads and Supervisors

**Course Length:** 4 Hours

## Course Topics:

- Introduction to OSHA
- Hazards and Risk
- Hazard Controls
- Conducting a Hazard Assessment
- The Five Steps to Job Safety Analysis
- Conducting a Job Safety Analysis
- Quiz