



Equip your workforce with Safety Principles!

Lifting Equipment Safety

Awareness in Crane, Hoist and Rigging Safety

LAW REFERENCE

MINISTERIAL ORDER NO (5) OF 2014 WITH RESPECT TO DETERMINING THE REQUIRED CONDITIONS AND PRECAUTIONARY MEASURES FOR THE PROTECTION OF WORKERS FROM THE HAZARDS OF WORK ON LIFTING EQUIPMENT

Articles 3,4 and 7 states that employers should provide preventative awareness and trainings related to Occupational Health and Safety.

WHY ATTEND AWARENESS IN CRANE, HOIST AND RIGGING SAFETY?

- This course gives an overview of the primary rigging issues that affect crane and hoist safety.
- Workers will learn about the materials used for rigging and slings, the various sling hitches used, and basic safety precautions.
- It is based on OSHA General Industry and Construction regulations, as well as recognized best rigging practices.
- It is also aligned with the 2010 OSHA regulations that require riggers in the construction industry to be qualified

If you are passionate about the field and want to develop skills needed to prove your competency in the role, this program will help you get there.

Course Outline





Awareness in Crane Hoist and Rigging Safety

Overview

This training program is designed to provide trainees with the knowledge and skills to develop safe inspection and operating techniques of cranes, hoists and rigging. Many of crane accident occurring every year some of these accident are fatal caused by operator error, poor maintenance and unsuitable operating surrounding. This course covers the principles and concepts on reducing the risks of accident and property damage associated with crane operation activities which can result in permanent disability or death as well as high cost of property damage to the company.

Learning Outcomes:

Upon completion of this course, the participants should be able to:

- Understand the Health and Safety law and crane physics
- Understand heavy load lifting and basic inspection of lifting gear and accident cause factors
- Explain responsibilities of key personnel, use of lifting gear and Types of hitches
- Understand basic material hoisting Safety, crane and lifting gear Inspection, maintenance and Testing requirements and Standard communication Methods.

Course Details:

Certificate: STC-BH

Duration: 1 Day (8 hrs.)

Assessment: Written Exam

Target Audience:

All people involved with Crane, Rigging and Hoist operations, Crane maintenance personnel & area Supervisors



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Course Content:

Day	Content
1	<ul style="list-style-type: none"> • Introduction & Objective • Cram Physics • Health & Safety Law • Health and Safety, PUWER, LOLER and Maritime Regulations • Introduction of heavy load lifting • Use and Inspection of slings • Type of chains & wire slings • Crane accident cause factors • Operator roles and Responsibilities • Supervisor roles and Responsibilities • Crane stability • Use of chain & wire slings • Crane Hitches • Use bridle hitches • Maintenance requirement • Materials hoist safely • Crane check list & Inspection rule • Crane testing • Wire slings Inspection • Standard Signals communication • Workplace Implementation

Approvals:

Course approved by:

