



شركة ميرك العربية السعودية
MEIRC Saudi Arabia

Rigger III

Duration 5 Days

Introduction

This program will help attendees to understand different safety aspects of “Rigging Operation”, Load capacities of lifting equipment, inspection and maintenance of equipment and how to develop safe work practices to avoid any unpleasant situation.

Who should attend?

Anyone concerned about rigging, material handling, and safe lifting.

Objectives

By the end of this course, participants will be able to:

- ↪ Understand the requirements of the Health and Safety at Work Select the correct Slings, Shackles, Eyebolts, Chain Blocks and Lever Hoists.
- ↪ Give and Understand the Correct Crane Signals
- ↪ Understand any Local Management Instructions covering Rigging and Slings
- ↪ Understand and have sufficient knowledge to be a Responsible Person when using Lifting Equipment
- ↪ Use Materials Handling Equipment
- ↪ Follow safe lifting techniques procedures.

Course Outline

- Standard Communication Hand Signals
- Introduction of lifting tackles
- Lifting tackles and their functions
 - Slings:
 - Shackles
 - Hooks
 - Eye bolts
 - Eye nuts
 - Turnbuckles
 - Manual hoist or chain block
 - Lever come alone hoist
- selection of lifting tackles & procedures
- Common types of hitch & how to use them
- Determining of basket and choker value
- Sling angle safe working load
- Recommended safe lifting angle
- Choker stress formula
- Plan for a safe lift
- Appointed/nominated in-charge in lifting operation
- Lifting techniques
- Do's and don'ts
- Important points to remember in lifting