

SAFETY MOBILE CRANE INSPECTION

OVERVIEW

This document provides background information about lifting principle and serves as a guideline for inspecting construction crane. The relationship of many components of crane and their inter-dependence in lifting operations, OSHA requirements for proper maintenance schedules, and safe crane operations will be discussed in this document. This document contains a listing and description of major components or operations to be considered or examined when inspecting lifting equipment.

OBJECTIVES

At the end of this course, participants should be able to:

- Understand with the safety rules and regulation in handling mobile cranes.
- Handle and recognize the process of service and maintenance of the mobile cranes.

LANGUAGE MEDIUM

English and/or Bahasa Malaysia. The training can be executed in a dual language option.

DURATION

The duration of this program is 1 day, start from 9.00 am to 5.00 pm.

TARGET GROUP

Manager, Engineer, Supervisor and operator.

METHODOLOGY

Active Lectures, Discussions, Simulation, Exercises, Brainstorming & Presentation

CERTIFICATE

Certificate of attendance will be awarded to participants who attended 80% of the training course.

COURSE CONTENT

Module 1:

- Mobile Crane
 - ❖ Lifting Principle
 - ❖ Operational Consideration
- Requirement for Mobile Crane
 - ❖ OSHA Construction Requirement

Module 2:

- Inspecting A mobile crane
 - ❖ Pre- inspection

- ❖ Crane Setup
- ❖ Electrical Hazard
- ❖ Load Chart
- ❖ Inspection Types
- ❖ Starting the inspection
- ❖ Specifics inspection items and reference

Module 3:

- Operation Permit