Training Title
CRANE INSPECTION TRAINING

Training Duration
5 days

Training Venue and Dates

| Crane Inspection Training | 5 | 17 - 21 March | $3,750 | Dubai, UAE |

In any of the 5 star hotel. Exact venue will be informed later.

Training Fees
- 3,750 US$ per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Buffet Lunch

Training Certificate

Define Management Consultants Certificate of course completion will be issued to all attendees.

TRAINING OBJECTIVES

At the end of the course each delegate should be able to: identify potentially unsafe defects on the crane and report them and use of pre operations checks in an efficient, thorough and competent manner also use, inspect and maintain the operational safety features built into the crane

- Familiar with inspection and maintenance as recommend by international standard.
- Know chains, ropes, lifting tackle, hook and brake system of the crane inspection
- Know general preventive maintenance shall be carried out on every crane and hoist as recommended by standard
- Understanding records of inspection checklist and maintenance

TRAINING METHODOLOGY

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions, and motivate everybody find the right answers. The delegates will also be encouraged to raise their own questions and to share in the development of the right answers using their own analysis and experiences.
• 30% Lectures
• 30% Workshops and work presentation
• 20% Group Work & Practical Exercises
• 20% Videos & General Discussions

Who Should Attend

Supervisors, Foreman

Course Outline

• Overview of OSHA’s Overhead Crane Regulation
• Crane components
• Crane failures cause and prevention
• Frequent and periodic inspections
• Inspection of safety devices
• Unique exploration of design basics, metallurgy and analysis
• Evaluating deficiencies major and minor
• Brake types and inspections
• Types and inspection of wire rope
• OSHA / ANSI / ASME and manufacturer compliance
• Recordkeeping and documentation
• Work area inspection.
• Personnel experience.
• General operating requirements, prior to lifting
• Factors affecting capacity
• Rigging the load
• Handling the load
• Electrical hazards
• More than one crane operating in the same area
• Lifting with more than one crane
• Pick and carry operations (or travelling with erected boom)
• Signaling
• Unattended machine
• Transporting the crane
• Tower cranes
• Derricks (general precautions)
• Special functions
• Review and discussion of controls.
- Safe Operating Procedures
- Daily report of Inspection
- Visual Inspections of Component Parts and Operational Tests for Cranes
- Checklist review

Last Day Review & Pre & Post Assessments will be carried out if required.