



SAFETY CENTRE

Industrial and Hazardous Safety Training

CRANE OPERATOR TRAINING & CERTIFICATION

We offer the following:

Responsible Person (Lifting Operations) • Lift Supervisor and Crane Co-coordinator • **Offshore** Pedestal Crane Operation (Levels 1 2 3 and 4) (Rigging, Knuckle Cranes, Forklift Truck, Overhead cranes, Rigging Foreman) • **Cranes** (Mobile Cranes, Tower Cranes, Crawler Cranes, Overhead Cranes, Pedestrian Tower Crane) • **Forklift**

Course Title: Mobile Crane Operator

Duration: 2 days

Course Description: This course is structured to increase crane operators' knowledge, skill and proficiency level through classroom and hands-on training.

Major Course Outline:

- Crane Failures and accidents avoidance.
- Regulations and compliance
- Use of Load rating charts
- Proper crane set-up
- Structural and stability limitations
- Load Handling
- Pick and Carry Operations
- Jibs and extensions
- Hand signals and communications
- Pre use Inspections , checklist and documentation
- Complex / Critical Lifts

Course Objective: Upon completion of the course, the participants should be able:

- To perform daily preoperational inspection.
- To perform pre-use, monthly inspections and documentation.
- Understand the safe lifting triangle.
- Define the titles “Crane Operator” and “Rigger”
- Interpret load rating charts
- Determine load weights
- Use basic rigging skills
- Use a load angle indicator
- Recognize correct crane signals
- Know the characteristics, operational mode, and Operational components of the types of cranes in use.

These objectives will be accomplished in accordance with applicable regulations, standards, and manufacturers requirements.

Target Audience: This course is designed for mobile crane operators, supervisors and HSE persons in lifting operations.

Prerequisite: None