



Lifting Operation Supervisor Training Outlines

A _ 3 Days Course_

Course Outlines !

DAY_1_

- 1_ Introduction _ Registration _ Communication !
- 2_ Course Objectives _ Outlines !
- 3_ What is a lifting Operation !
- 4_ Lifting Operation Supervisor Role !
- 5_ Types of cranes !
- 6_ Stress _ Strain _ Mechanical Advantages _ Lifting Equipment efficiency !
- 7_ Line parts _ Falls _ Speed !
- 8_ Ground Condition !
- 9_ Environment Hazards !
- 10_ Crane Structure _ Safety Devices _ !
- 11_ Charts & Diagrams !
- 12_ Exercises _ Answer !

Course Outlines !

DAY_2_

- 13_ Hoists _ Slew ring _ Sheaves !
- 14_ Wire Ropes _ Termination !
- 15_ Spooling !
- 16_ Reeving !
- 17_ crane controls and motion !
- 18_ Checks _ Initial & Pre-star-up !
- 19_ Operation Principles !
- 20_ Inspection & Testing Strategies !
- 21_ Practical Crane Operation Exercise !

Course Outlines !

DAY_3_

- 22_ Man Riding !
- 23_ Static & Dynamic Lifts !
- 24_ Tandem Lifts !
- 25_ Incidents causes and lessons learned !
- 26_ Roles & Responsibilities !
- 27_ Communications !
- 28_ Lifting Planning !
- 29_ Practical Crane Exercise !