

**Course.** Crane Maintenance

**Duration.** 3 Days

**Tutors.** Course tutors are NVQ D32/D33 qualified

## Training

### Introduction

The crane maintenance course is designed to expand the knowledge of experienced mechanical engineers to include the maintenance of crane mechanical equipment. The course is not specific to any one type of crane and covers basic mechanical, hydraulic and pneumatic systems crane maintenance routines.

The course content can however, be tailored if required to suit a specific crane type, or clients needs.

**Duration:** 3 Days

### Course Content

Procedures and specialised information for the maintenance of Crane:

- Engine
- Gear Box
- Splitter box
- Pumps
- Motors
- Winches
- Slew Ring
- Ring Bearing
- Outriggers
- Chassis/Pedestal
- Draw works
- Clutches
- Brakes
- Hydraulics
- Pneumatics
- Wire ropes
- Hooks & Blocks
- Safety systems
- 'A' Frame Gantry & Sheaves
- Operators cab
- Boom - all sections & Sheaves
- Operational Trouble-shooting
- Safe load indicators (SLIs)

**Lecturers:** A1 Safety Training Staff (NVQ D32/D33 accredited)

**Location:** Suitable training centre located local to majority of course candidates

**Dates:** Arranged to mutual agreement of Company / Candidates / Consultants.

**Clothing:** For the practical period of this course all candidates are required to provide their own protective clothing ie hardhat, safety boots, coveralls, gloves, etc

