

## MOBILE CRANE OPERATOR & SLINGER /SIGNALLER (11 Days)

### CPCS CATEGORY CODE A60 endorsement C (All duties) & A40 endorsement A (All Duties)

#### COURSE DETAILS

**Title:** CPCS Mobile Crane A60 endorsement A (All duties only) & Slinger/Signaller A40 Endorsement A All Duties

**Duration:** Eleven days. Mobile Crane (Monday – Saturday training days). Following Monday is the Technical theory & practical test day for Mobile Crane. Slinger/Signaller 4 days (Tuesday to Friday of the following week) including technical tests.

**Cost:** £3500 plus VAT (includes daily lunch and refreshments, training, technical tests and card fees).

Grants available for companies registered with CSkills. Please contact your local grant office for current rates.

#### TARGET DELEGATES

**PLEASE NOTE: UNRELATED (LIFTING) MACHINE EXPERIENCE IS ESSENTIAL FOR THE ELEVEN DAY COURSE**

This course is aimed at anyone who is required to operate mobile cranes for lifting operations on construction sites and other allied industries. **Candidates having some previous experience of operating hydraulic lifting equipment is essential (e.g Tele-handlers, Rough Terrain Forklifts, Lorry Loaders, Mobile Elevated Work Platforms, 360 Excavators etc.)** Good hand/eye co-ordination is also required. Please note that a Group C category licence is required for driving on the open road, however this is not essential for the course. Please note we do accept Resettlement Funding from the MoD.

#### COURSE AIM AND CONTENTS

The aim of this course is to provide candidates with underpinning knowledge in order for them to understand the role and responsibilities of the Mobile Crane Operator and Slinger/Signaller. Following successful completion of the course candidates will be able to rig and de-rig an All Terrain Crane, operate the crane to lift, transfer and position loads and carry out routine maintenance and also undertake the role of the Slinger/Signaller by selecting the correct lifting accessories, attach them to loads safely and guide the load using the appropriate hand/radio signals.

Topics covered during this course include:

- Legislation - LOLER, PUWER, HASAWA, codes of practice – BS7121
- Roles and responsibilities of personnel involved with lifting operations
- Crane appreciation - crane types, capabilities and limitations
- Duty charts
- Crane terminology
- Documentation and certification for lifting equipment and lifting accessories
- Crane stability/ground conditions
- Rated Capacity Indicator (RCI) and Safe Working Loads (SWL)
- Lifting accessories, types of accessories and use
- Down rating accessories
- Communications (Radio, verbal and hand signals etc.)
- Rigging and De-Rigging of cranes according to written instructions
- Configuring cranes according to work specifications
- Hoisting, slewing and derricking following the instruction of the slinger/signaller
- Controlling load movement
- Routine maintenance
- Attaching accessories to different loads
- Signalling for the lifting, transferring and positioning of loads
- Selecting lifting accessories
- Establishing load weight and centre of gravity
- Verifying documentation and certification of lifting accessories

#### CERTIFICATION

Successful candidates will be awarded a Red CPCS Trained Operator card endorsed with the category Mobile Crane Endorsement C (All Duties) & Slinger Signaller A40 Endorsement A (All Duties). Please note the Red CPCS card is only valid for 2 years, within this time you must complete your NVQ level 2 Diploma to convert from Red card to Blue card. The Blue CPCS card is valid for 5 years, please see NVQ section for more information.