

## **The Aim of the Course is to:**

Provide the candidate with the basic knowledge and practical skills involved in operating a Tower Crane.

## **The Objectives of the Course are to enable delegates to:**

- Be able to operate the machine safely and correctly in accordance with manufacturers' instructions and accepted good practice.
- Carry out a pre-shift inspection.
- Operate the crane safely in response to given tasks using outriggers where applicable.
- Respond to and work with a Slinger using recognised hand signals.
- Recognise defects and hazards that affect crane motions.
- Have sufficient knowledge and practical skills to successfully complete the CPCS Technical Test.

## **Who Should Attend The Course?**

All personnel required to operate a Tower Crane.

## **Course Summary**

Candidates will participate in theory lessons and practical demonstrations / exercises, all of which are highlighted by the use of Power point presentations and Videos covering;

- An Introduction to the Construction Industry
- Current relevant regulations
- Introduction to machine
- Controls and instruments
- Pre shift inspections
- Coolant, fuel and lubrication systems
- Slings and operating to signaller's signs
- Effects of shock loading
- Operator Code of Safe Practice
- Automatic safe load indicator
- CPCS Technical Test Theory Element

## **Course Duration**

This depends on the experience and number of candidates, the ratio of candidates / machines per Instructor.

## **Health & Safety Training / Testing**

The CSCS Operatives Health and Safety Test must be successfully completed prior to taking the CPCS Technical Test.

## **Testing / Certification**

All candidates will complete the Full (Theory & Practical) CPCS Technical Test and on successful completion will be issued with a CPCS Red Trained Operators Card