



# Fulford

CERTIFICATION

## Level A / Full Scope Certification: Assessment Details

The Level A Assessment has three sections. It is designed to allow you to demonstrate your skill and knowledge of safe crane operation. There are no trick questions.

The assessment takes between 2 and 2 ½ hours to complete (between 3 and 3 ½ hours for Lattice Friction Crane). You will be given the results of your assessment and, if found competent, you will receive your certificate.

### 1. HAND SIGNALS

You will be required to correctly interpret hand signals given to you by the assessor.

### 2. LOAD CHART & RIGGING

You will answer written questions about common lifts using load charts and rigging guides.

The questions are designed to allow you to demonstrate your knowledge load charts and rigging guides and complete simple calculations.

Each crane type has a specified time limit to complete this exam:

Friction Lattice Boom – 90 minutes  
Hydraulic Lattice Boom – 60 minutes  
Mobile Hydraulic – 60 minutes  
Stiff Boom Trucks – 60 minutes  
Folding Boom Trucks – 45 minutes  
Tower Crane – n/a  
Self Erect Tower Cranes – 45 minutes

For learning guides and sample questions, see the “How to prepare”

### 3. ON-CRANE PRACTICAL ASSESSMENT

#### *Pre-Operational Inspection*

Following the crane's inspection checklist, you will demonstrate correct crane inspection including a rigging inspection. Consult the WorkSafe regulations on wireropes, rigging and attachments (bring this document to the assessment to use as a reference).

#### *Crane Set Up & Hazard Assessment*

You will set up your crane and describe the hazards you need to check for to the assessor. You will demonstrate correct use of blocking and outriggers / stabilisers.

#### *Crane Operation (With & Without a Load)*

You will be asked to show hook control with only chain slings attached to your hook as you move the hook to nine targets. After this you will pick up a load and land the load on nine targets. The goal is smooth controlled operation.

#### *Time Limit*

Friction Lattice Boom, Hydraulic Lattice Boom, Hydraulic Mobile, Stiff Boom Trucks and Tower Cranes have 15 minutes without load and 15 minutes with load to complete this portion of the assessment. Folding Boom Truck Cranes have 10 minutes without load and 10 minutes with load.

#### *Crane Requirements*

Minimum main boom length is 100 feet for Lattice Boom Cranes. Mobile Hydraulic Cranes and Boom Trucks must use a minimum of 3/4 of the powered sections of the main boom. See a sample layout of the target course .