

# Presentation Instructions

Who is this presentation for?

The trainer and learners.

What is in this Presentation?

- Course information that matches the Learner Guide content.
- Review questions and model answers.
- Slides contain summarised content, with full notes and information for the trainer, visible when the slide show is shown in "Presenter View" (see instructions on next slide).
- Use this presentation to support and reinforce the training information from the Learner Guide.

What do you need to do before you use it for the first time?

1. Rebrand the presentation.
2. Review the presentation as part of your validation process.

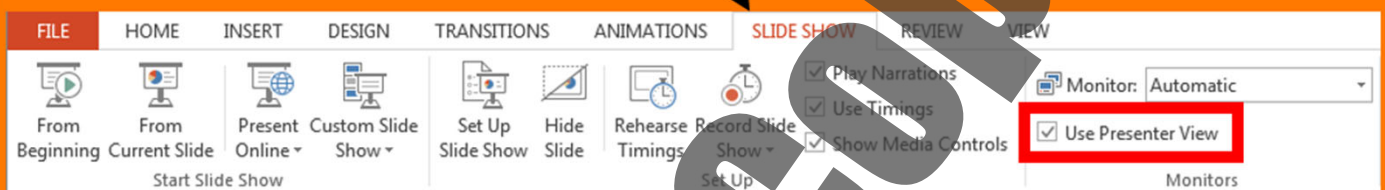
Evaluation Only

## Instructions for Viewing in Presenter View

**NOTE:** This view is only applicable when the computer is connected to a second screen or a data projector.

Once the second screen/projector is connected make sure that the "Use Presenter View" box is ticked.

This is found in the "SLIDE SHOW" tab as shown below.



# T11H0040

LICENCE TO OPERATE A  
NON-SLEWING MOBILE CRANE



**TRAINING  
PRESENTATION**

Evaluation Only

## Training Presentation Sections

Click on a box to go to that section.



Section 1:  
Plan Operations



Section 2:  
Prepare for Operations



Section 3:  
Conduct Operations



Section 4:  
Drive & Shut Down Crane

TECHNOLOGY

## Section 1: Plan Operations

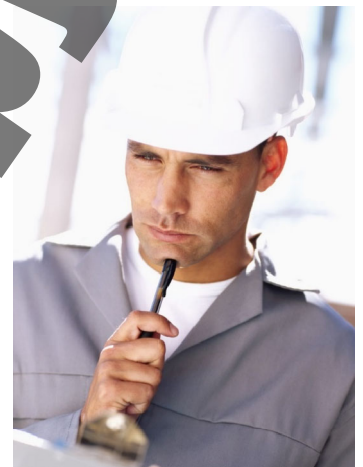


Evaluation

## 1.1 Introduction

This training course is based on the National High Risk Work Licence Unit of Competency **TLILIC0040 Licence to Operate a Non-Slewing Mobile Crane (Greater Than 3 Tonnes Capacity)**.

The National Standard for Licensing Persons Performing High Risk Work aims to facilitate the operation of a nationally uniform, competency-based licensing system for persons performing certain types of high risk work.



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## 1.1 Introduction

You will learn about:

- ◆ Planning the work.
- ◆ Conducting routine checks.
- ◆ Transferring loads.
- ◆ Mobilizing loads.
- ◆ Shutting down and securing the crane.

Upon successful completion of this course participants will be eligible to be assessed for a National High Risk Work Licence.



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## 1.1.1 What is a Non-Slewing Mobile Crane?

A powered mobile crane with a capacity of more than 3 tonnes and which incorporates a boom or jib that is not capable of being slewed.

A non-slewing mobile crane may be an articulated type or a locomotive crane but not a crane engaged in vehicle tow truck operations.

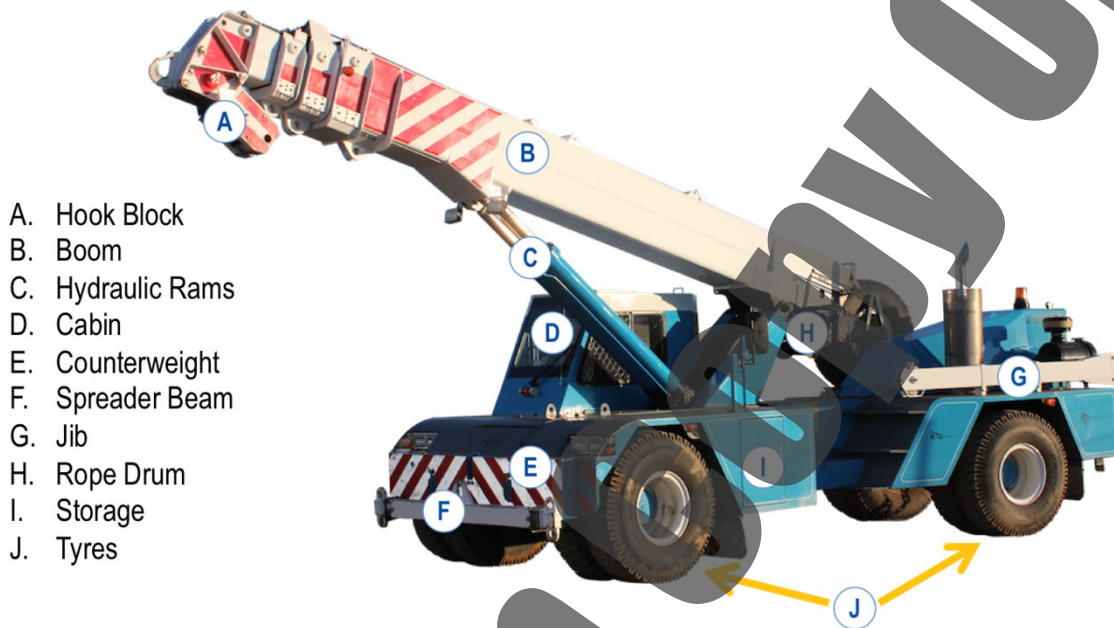


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## 1.1.1.1 Parts of a Non-Slewing Mobile Crane

The following diagram outlines the basic crane parts:



- A. Hook Block
- B. Boom
- C. Hydraulic Rams
- D. Cabin
- E. Counterweight
- F. Spreader Beam
- G. Jib
- H. Rope Drum
- I. Storage
- J. Tyres

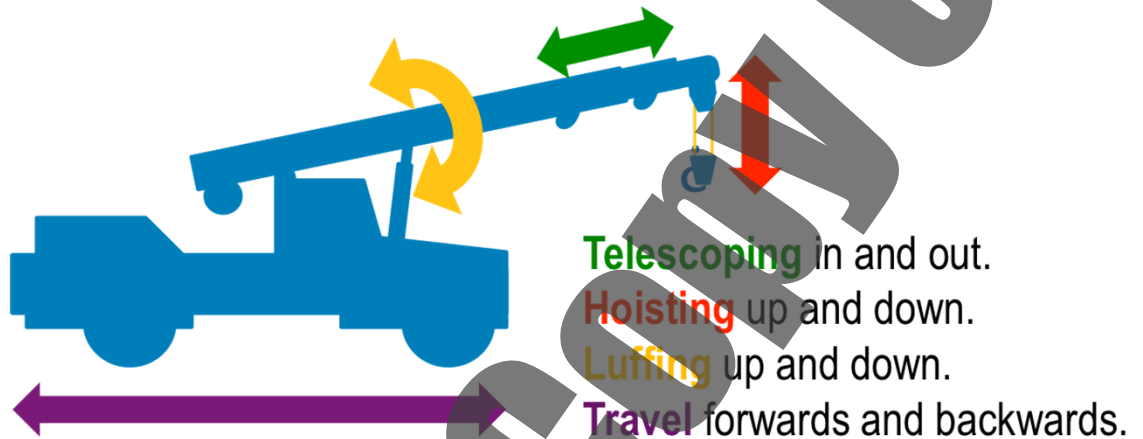
The following diagram outlines the basic crane parts:

*See Diagram*

- A – Hook block.
- B – Boom.
- C – Hydraulic rams.
- D – Cabin.
- E – Counterweight.
- F – Spreader beam.
- G – Jib.
- H – Rope drum.
- I – Storage.
- J – Tyres.

### 1.1.1.2 Crane Movements

The following diagram outlines the basic crane movements:



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*See Diagram*

- ◆ **Telescoping** – in and out.
- ◆ **Hoisting** – up and down.
- ◆ **Luffing** – up and down.

- ◆ **Travel** – forwards and backwards.

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## 1.2 Working Safely

You must follow all safety rules and instructions when performing any work.

If you are not sure about what you should do, ask your boss or supervisor. They will tell you what you need to do and how to do it in a safe way.



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## 1.2.1 Health & Safety Rules

Every workplace has to follow laws and rules to keep everyone safe. There are 4 main types:

<b>Type</b>	<b>Acts</b>
	<b>Regulations</b>
	<b>Codes of Practice</b>
	<b>Australian Standards</b>

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### Type & Explanation

#### Acts

Laws to protect the health, safety and welfare of people at work.



## **Regulations**

These explain what the law means.

## **Codes of Practice**

These are instructions on how to follow the law, based on industry standards.

## **Australian Standards**

These tell you what the minimum requirement is for a job, product or hazard.

Some states use OHS laws, and other states use WHS laws. They both talk about the same thing, but use different words or names for people. If you have any questions about safety rules you should talk to your boss or supervisor.

## Section 1 Review Questions

1. What are the 4 main types of health and safety rules?



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## Section 1 Review Questions

1. What are the 4 main types of health and safety rules?

Acts, Regulations, Codes of Practice, Australian Standards.



**THE GOOD**

## **Section 1 Review Questions**

2. What is Duty of Care?



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## Section 1 Review Questions

2. What is Duty of Care?

A responsibility to keep yourself and others as safe as possible while you are at work.

