

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.

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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.



RISAM 213E
POSITION AND SET UP
MOBILE LIGHTING



TRAINING
PRESENTATION

Evaluation EQUIPMENT ONLY

Training Presentation Sections

Click on a box to go to that section.



Section 1:
Plan & Prepare for Work



Section 2:
Prepare Mobile Lighting



Section 3:
Position & Activate
Mobile Lighting

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Section 1:
Plan & Prepare for Work



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1.1 Introduction

These training materials are based on the national unit of competency RIISAM213E Position and Set Up Mobile Lighting.

You will learn about:

- ◆ Preparing for mobile lighting work.
- ◆ Selecting and checking mobile lighting.
- ◆ Positioning mobile lighting.
- ◆ Activating mobile lighting.
- ◆ Assessing effectiveness of mobile lighting.



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- ◆ Assessing effectiveness of mobile lighting.

1.1.1 What is Mobile Lighting?

Mobile lighting, or work site lights, are used in both civil construction and mining work environments where lighting is poor and a durable light source is required.

Most often, mobile lighting is used where operations run through the night.

As most of these lights are extremely bright and long lasting, they provide a light source that simulates daytime light.



Mobile lighting, or work site lights, are used in both civil construction and mining work environments where lighting is poor and a durable light source is required. This could be in underground mines and during night time road works.

Most often, mobile lighting is used where operations run through the night.

As most of these lights are extremely bright and long lasting, they provide a light source that simulates daytime light. This prevents some work activities from taking longer than necessary as work is able to continue throughout the night.

1.2 Working Safely

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.



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.

1.2.1 Health and Safety Rules

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

Type	
	Acts.
	Regulations
	Codes of Practice.
	Australian Standards.

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Type & Explanation

Acts - These are laws that you have to follow.

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.

1.2.2 Operations Documentation

Before starting your work you need to make sure you have access to all operations documentation for the job.



Before starting your work you need to make sure you have access to all operations documentation for the job. This will help you to do your work in the safest way and make sure all work is compliant.

Operations documentation includes:

Site Details - The information and safety requirements of the workplace environment (where you will be working).

Hazard Details - Any hazards in the work area or related to the work. This could also include instructions on how to handle dangerous or hazardous materials.

Task Details - Instructions of what the work is or what you will be doing (this can include diagrams or plans). Also instructions on how to safely do the job.

Faulty Equipment Procedures - Isolation procedures to follow or forms to fill out.

Signage - Site signage tells you what equipment you need to have, or areas that are not safe to be in.

Emergency Procedures - Instructions on what to do in emergency situations, for example if there is a fire, accident or emergency where evacuation or first aid is needed.

Equipment and Work Instructions - Details of how to operate plant and equipment and the sequence of work to be done.

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1.2.3 How to Keep Everyone Safe

WHS law says that all companies and workers need to keep themselves and other people safe while they work – called a duty of care.

To keep yourself and others safe you need to:

- ◆ Follow your instructions.
- ◆ Follow all workplace rules.
- ◆ Make sure all equipment is safe to use.
- ◆ Carry out your work safely.
- ◆ Report any problems.



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- ◆ Follow all workplace rules.
- ◆ Make sure all equipment is safe to use.
- ◆ Carry out your work safely.
- ◆ Report any problems.

If you think something is dangerous tell your boss or supervisor as soon as possible.

1.2.3 How to Keep Everyone Safe

Your worksite will also have instructions for working safely including:

- ◆ Emergency procedures.
- ◆ Handling hazardous materials.
- ◆ Safe operating procedures.
- ◆ Personal protective clothing and equipment.
- ◆ Safe use of tools and equipment.



Your worksite will also have instructions for working safely including:

- ◆ Emergency procedures, including using fire fighting equipment, first aid and evacuation.
- ◆ Handling hazardous materials.
- ◆ Safe operating procedures.
- ◆ Personal protective clothing and equipment.
- ◆ Safe use of tools and equipment.

RISAM213F

Section 1 Review Questions

1. What are the 4 main types of laws and rules to keep everyone safe?

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- ◆ Acts.
- ◆ Regulations.
- ◆ Codes of Practice.
- ◆ Australian Standards.

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Section 1 Review Questions

2. List 3 things that may be included in 'operations documentation'.

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2. List 3 things that may be included in 'operations documentation'.

- ◆ Site details.
- ◆ Hazard details.
- ◆ Task details.
- ◆ Faulty equipment procedures.
- ◆ Signage.
- ◆ Emergency procedures.
- ◆ Equipment and work instructions.

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1.3 Work Instructions

Make sure you have everything about the job written down before you start:

- ◆ What you will be doing.
- ◆ How you will be doing it.
- ◆ What equipment you will be using.



You need to be clear about what work you will be doing. Make sure you have everything about the job written down before you start. This includes what you will be doing, how you will be doing it and what equipment you will be using.

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1.3 Work Instructions

Make sure you have all of the details about where you will be working:

- ◆ The site.
- ◆ The weather.
- ◆ Facilities and services.
- ◆ Traffic.
- ◆ Hazards.



Make sure you have all of the details about where you will be working. For example:

- ◆ **The Site** – Is there clear access for all equipment? Are there buildings, structures, facilities or trees in the way? What are the ground conditions like? Is there a safe place for the load lights to be set up?
- ◆ **The Weather** – Is there wind, rain or other bad weather? Is it too dark?
- ◆ **Facilities and Services** – Are there power lines or other overhead or underground services to think about?
- ◆ **Traffic** – Are there people, vehicles or other equipment in the area that you need to think about? Do you need to get them moved out of the area? Do you need to set up barriers or signs?
- ◆ **Hazards** – Are there dangerous materials to work around or think about? Will you be working close to power lines or other people?

1.3 Work Instructions

You also need to make sure you have all of the details about the kind of work you will be doing:

- ◆ The task.
- ◆ Equipment.
- ◆ Communications.
- ◆ Procedures and rules.



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- ◆ **The Task** – What are the lights needed for? How many are needed? Will they need any special equipment?
- ◆ **Equipment** – What type of lights will be used? How big are they? How much room do they need? What equipment will you need to get the lights onto the site? Is the equipment available?
- ◆ **Communications** – How are you going to communicate with other workers?
- ◆ **Procedures and Rules** – Do you need any special permits or licences? Are there site rules that affect the way you will do the work?

1.3.1 Reading and Checking Your Work Requirements

All work needs to follow worksite, environment and company safety procedures.

Procedures help to make sure that all work is done:

- ◆ In a safe way, without damaging equipment or putting people in unsafe situations.
- ◆ In the correct order and doesn't interrupt or get in the way of other work that is happening on the site.



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