

ELEVATING WORK PLATFORM LEARNER WORKBOOK

TRAINER'S MARKING GUIDE WITH MODEL ANSWERS

TLILIC0005

Licence to operate a boom-type elevating work platform
(boom length 11 metres or more)



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National Licence
RTO-VET Learning Materials

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Chapter 1

Plan Work



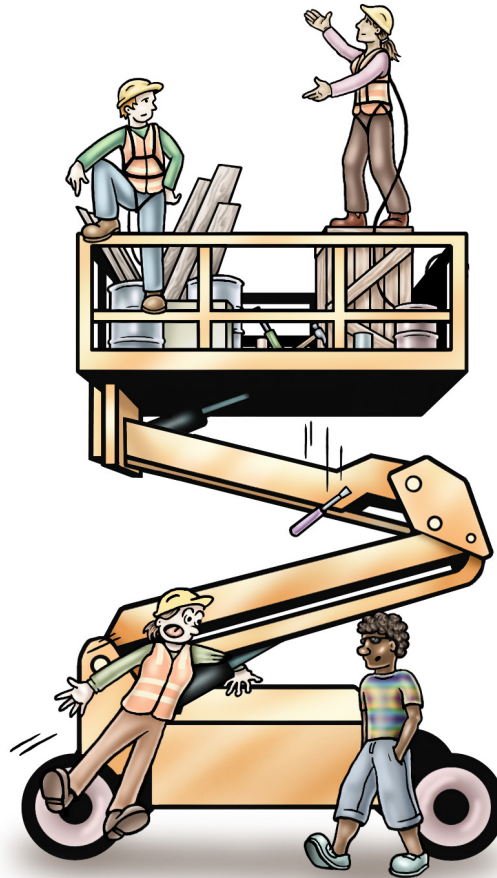
Trainers please note:

The answers in this book are in no way conclusive and are to be used as a guide only. Use your own knowledge and experience to correct the variation of answers that may be given by learners.



Theory Training Task 3

Performance Criterion: 2.2



Look at the picture above. Can you list the dangerous work practices that are taking place with this EWP?

Answer may include but is not limited to:

- **Person standing on the rail**
- **Person using a box to gain extra height**
- **Platform is overloaded**
- **Tools/equipment are not secured**
- **Tool has fallen over edge of platform**
- **Person has their arm stuck in the boom**
- **Pedestrian allowed to walk close to work area**
- **No barricades/signs set up to keep pedestrians or other workers not involved, away from the work area.**

Performance Criterion: 1.3

Choosing the right EWP

There are different types of elevating work platforms (EWPs). Depending on the work and the location you will select and use a certain type of EWP. It's important to make sure the EWP is suited to the job and the conditions.



Theory Training Task 18

Performance Criterion: 1.3

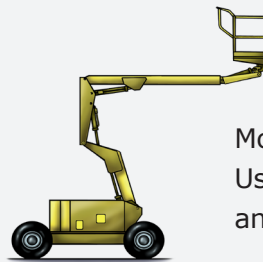
Draw a line to match the correct name with the correct type of EWP.

Trailer-mounted boom lift

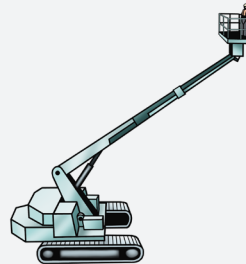
Self-propelled EWP

Track-mounted EWP

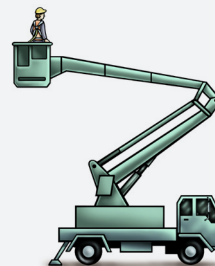
Truck-mounted EWP



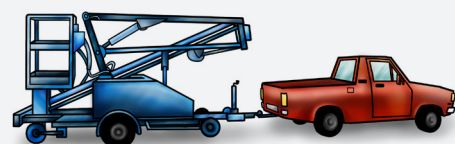
Most often used EWP. Used on construction and building sites.



Used on rough terrain. Surface must be level.



Used for work on powerlines. Also used for cutting trees to keep a safe space near powerlines. Can move from site to site quickly.



Used by trades people for maintenance and some building work.



Theory Training Task 20

Performance Criterion: 1.7, 3.7

Look at the following signs. Explain what each sign means.



.....
This sign shows you where a fire
extinguisher is stored.
.....
.....



.....
This sign tells you there is a
biological hazard which may
harm you.
.....
.....



.....
This sign tells you the speed limit you
can travel is 20 km per hour.
.....
.....



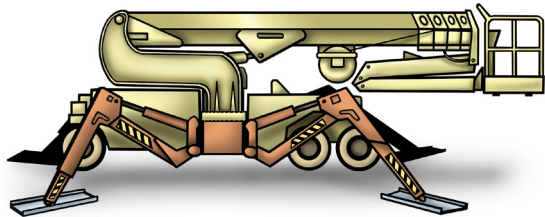
.....
This sign tells you there is a high-
voltage electrical hazard in the area.
.....
.....



Theory Training Task 26





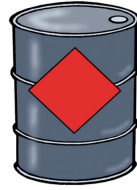




Performance Criterion: 3.3, 3.4

Calculate the total weight of the safety gear, tools and people below to see if they can be safely lifted in the EWP shown below.



=

SWL 225 KG

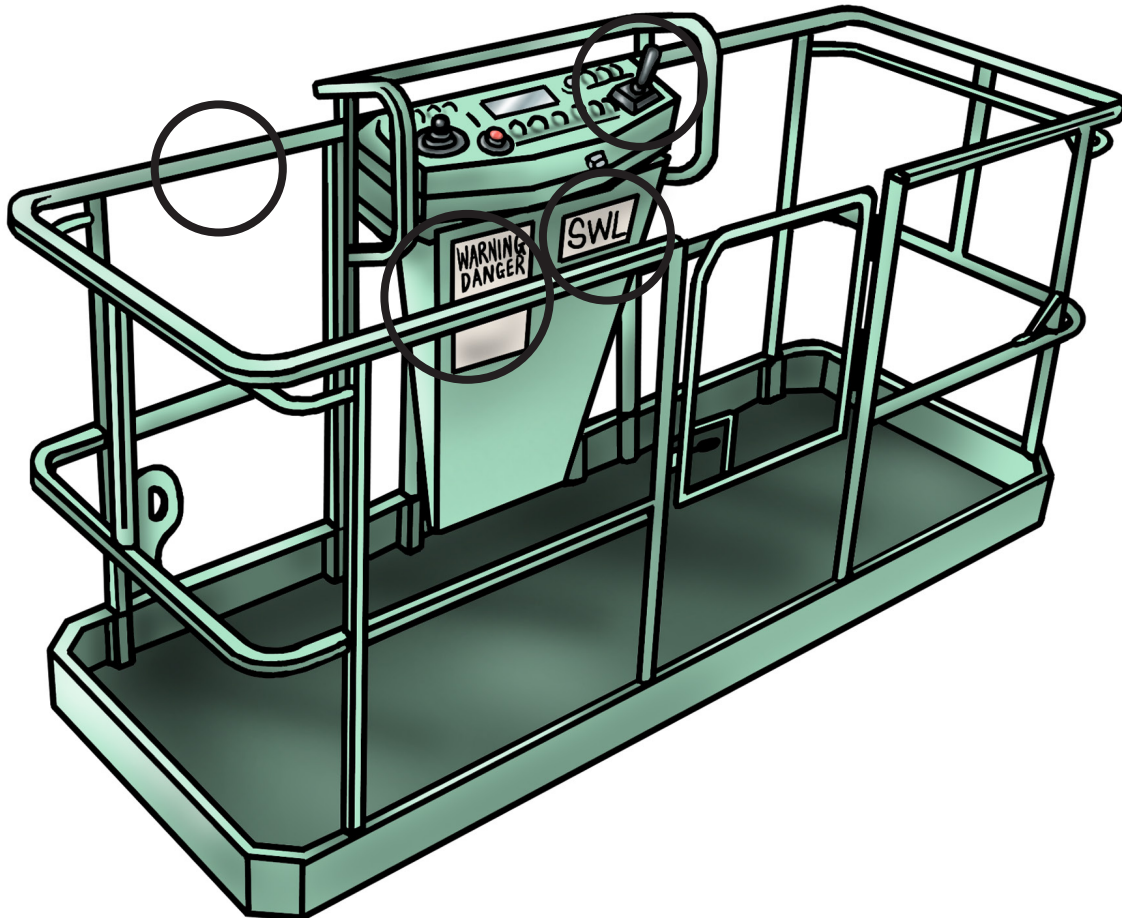
 30 kg	+	 105 kg	+	 2 kg	=	137 kg
Can the above items be lifted?	EWP can lift materials	<input checked="" type="radio"/> Yes	<input type="radio"/> No			
 160 kg	+	 70 kg	+	 2 kg	=	232 kg
Can the above items be lifted?	EWP cannot lift materials	<input type="radio"/> Yes	<input checked="" type="radio"/> No			
 2 kg	+	 88 kg	+	 125 kg	=	215 kg
Can the above items be lifted?	EWP can lift materials	<input checked="" type="radio"/> Yes	<input type="radio"/> No			



Theory Training Task 28

Performance Criterion: 2.5

- a) Circle the things you should check the EWP basket/platform for.



- b) Choose two (2) of the items you circled and explain why you think it's important to make the check.

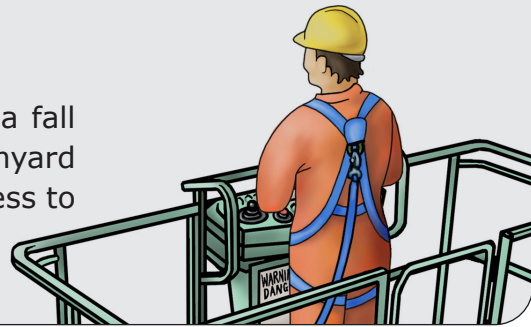
Answer may include:

- Handrails to make sure they is no damage to them
- Floor for loose objects that may be a tripping hazard
- Floor for fluids that may be a tripping hazard
- Gate opens and closes correctly so it doesn't come open when working in the basket
- SWL and warning decals present and readable for safe operation
- Controls all intact and labelled for safe operation.

Performance Criteria: 2.3

Safety in the basket (platform)

You or anyone else in an EWP basket must wear a fall arrest harness (full harness) with leg straps and lanyard (with energy absorber). You must secure the harness to an approved anchor point within the EWP basket.



Theory Training Task 29

Performance Criteria: 2.4, 2.6

a) What is the purpose of a safety harness?

A safety harness will save a person who accidentally falls out of the basket.

b) What government standards must all harnesses, lanyards, energy absorbers and attachments conform to?

All harnesses, lanyards, energy absorbers and attachments must conform to AS/NZS 1891.1 1995 and AS/NZS 1891.4 2000

c) To use a safety harness what must training cover?

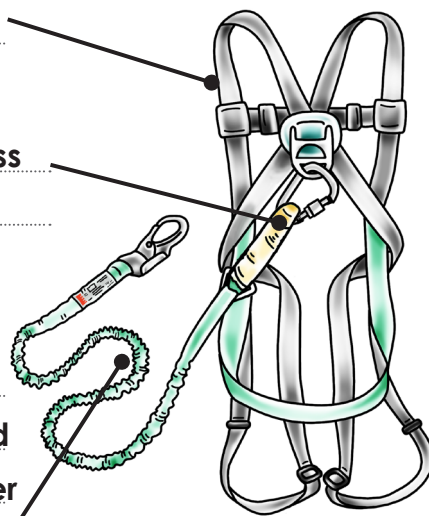
You must be trained on how to wear, store and maintain the safety harness.

d) What checks must you do on the safety harness equipment before using it?

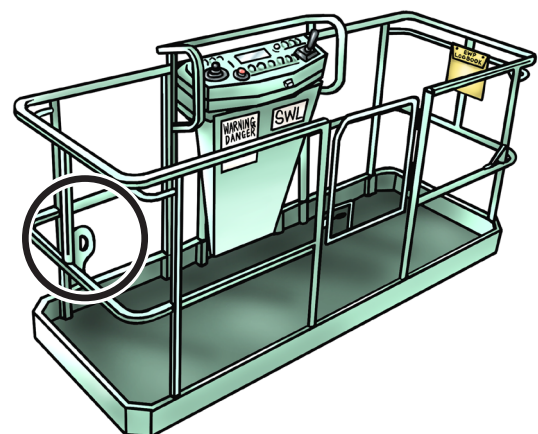
The safety harness is in good condition

The equipment is less than 10 years old

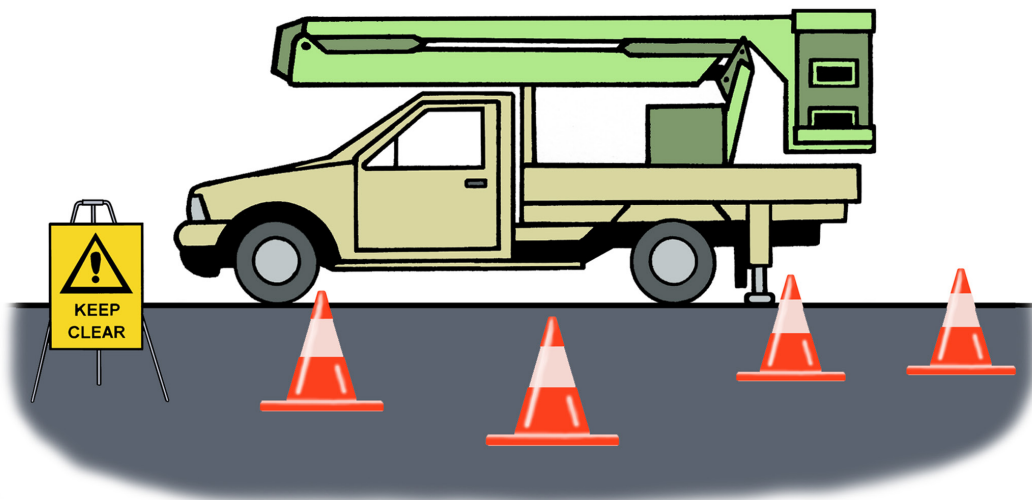
The lanyard is in good condition and the energy absorber has not been used



e) In the picture (below) circle the correct place to attach the lanyard.



Set Up Elevating Work Platform



Trainers please note:

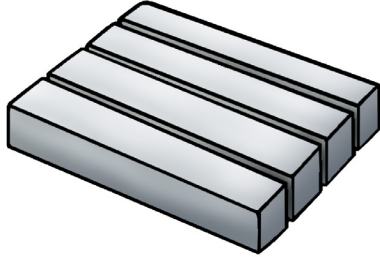
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Theory Training Task 44

Performance Criterion: 1.2, 3.3

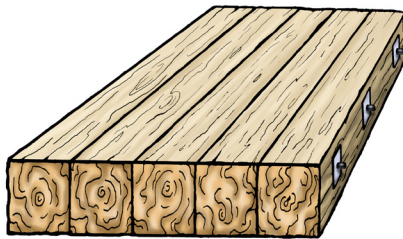
Label the types of packing shown below.



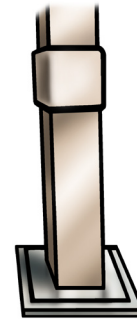
.....
Concrete rafts



.....
Pig-sty timber packing



.....
Sleeper mats



.....
Steel plates

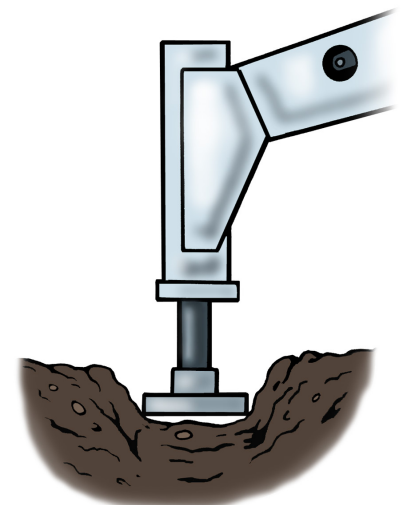


Theory Training Task 45

Performance Criterion: 3.6

If stabiliser sinks into the ground what should you do?

.....
You should tell with an expert to assess the ground
.....
conditions. You may need to use more packing or move
.....
to another position.
.....
.....
.....

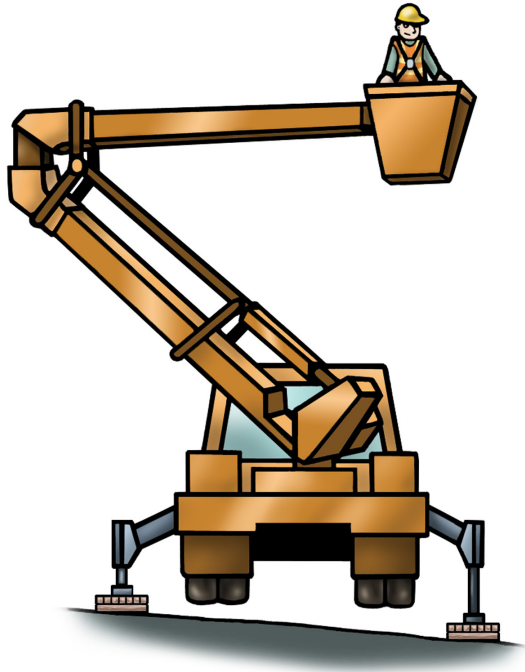




Theory Training Task 46

Performance Criterion: 2.7

Write a number in each box to show the correct order in which you would **set up** an EWP on a **sloping surface**.



4

Make sure EWP is level before commencing operation.

1

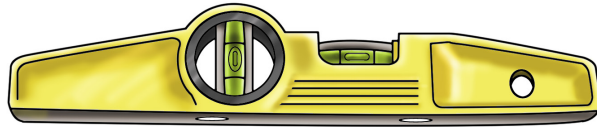
Outriggers must be first set up on the **lower side** of the EWP and levelled for operation.

3

Use appropriate packing.

2

Ensure outriggers/stabilisers are correctly positioned.

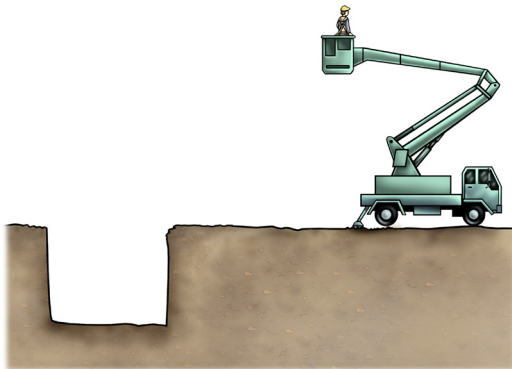


Theory Training Task 47

Performance Criterion: 1.2, 2.2

Tick the **correct ending** to the following sentence.

The distance of the EWP from the edge of a trench/excavation should be:



Less than 1 metre.

At least the same as the depth of the hole.

Always exactly 6 metres, no more, no less.