BACKHOE / LOADER
Learner Workbook

LLN READY

RIIMPO319E –
Conduct backhoe/loader operations

SAMPLE

Learner Name: _____

Student Number: _____ **Date:** _____

This resource was developed by:

EASY GUIDES Australia Pty Ltd

Version 2.1 – June 2022

PROUDLY PRINTED IN AUSTRALIA

Contact Details

Candidate's details
Name:
Address:
Student Number:
Phone number:
Email:
I.D supplied / USI No ?
Signature:

Trainer/Assessor's / Supervisor details
Name:
Company/registered training organisation:
Phone number:
Email:
Assessment location:
Assessment date:
Signature:

I declare that:

Student Signature: **Date:**	This submission is all my own work and has not been copied nor does it violate the material that is listed under the Statement on Plagiarism and Academic Integrity rules, except for any collaboration that has been authorized by my tutor as group work.

SAMPLE

Contents

Contact Details....2
Application / Context of Assessment....4
Assessment Conditions....4
Summary of Practical tasks to be performed.....5
Equipment description....6
Knowledge Assessment....7
Knowledge Assessment Instructions....7
Score for knowledge assessment....36
Practical Assessment....37
Practical assessment instructions....37
Summary of practical assessment task....39
What to do for practical task demonstration.....39
Task that can be performed over time – broken up in parts....39
Description of work order / Job (requirements).....40
Practical Assessment Summary – Competency Sign Off....41

SAMPLE

Knowledge Assessment

The assessor must be satisfied the candidate has successfully demonstrated each element and performance criteria contained in the Unit of Competency.

Knowledge Assessment Instructions

1. This assessment should be completed in writing (pen not pencil). However, where necessary it may be undertaken verbally. If verbal assessment is undertaken the candidates' responses must be clearly recorded by the assessor. The assessor must clearly note on the assessment that it was undertaken verbally.

2. Candidates should be allowed 10 minutes reading time before commencing the assessment and a further 180 minutes to complete the assessment.

3. The assessment should be completed in a quiet area free from distraction.

4. The assessment is to be completed without the assistance of learning resources. Students may ask the assessor for assistance to clarify questions they do not understand.

5. A pass mark of 90% (77/85) must be achieved for a satisfactory result. The assessor must provide feedback to the candidate to clarify any answers deemed to be incorrect.

6. Reasonable adjustment to the assessment is to be made by the assessor where deemed necessary.

SAMPLE

Knowledge Assessment

Question 1	PC (1.1)

Give three (3) examples of compliance documentation you should read before using a backhoe/loader.

_____

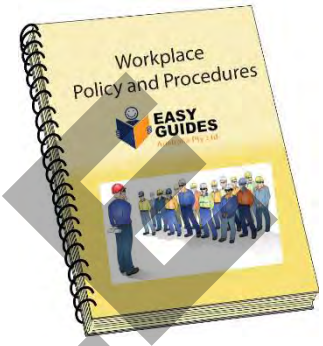
_____

_____

_____

_____

_____



Question 2	PC (1.2)

What are quality requirements?

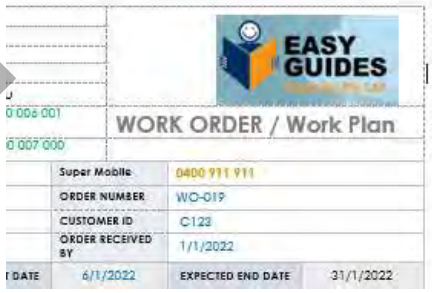
_____

_____

_____

_____

_____



Question 3	PC (1.2,1.3, 1.7)

What is a site safety plan and what does it explain?

_____

_____

_____

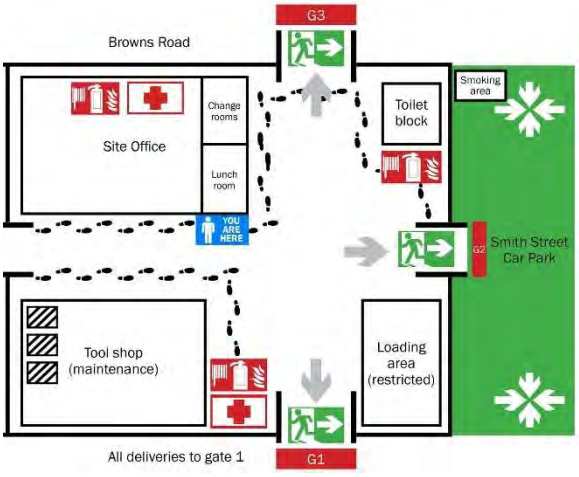
_____

_____

_____

_____

_____



SAMPLE

Question 18	PC (3.5)

You have finished with the backhoe/loader for the day and it has been parked and shutdown. What two things need to be done before you leave?

_____

_____

_____

_____

_____

Question 19	PC (3.5)

You need to make sure the backhoe/loader is safe for the next operator. What checks do you do after you've finished using it? Give three (3) examples.

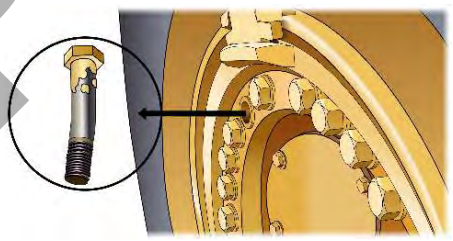
_____

_____

_____

_____

_____



Question 20	PC (2.4)

How do you safely inflate a tyre which is on a split rim?

_____

_____

_____

_____

_____

SAMPLE

Question 24	PC (2.4, 2.5)

What hazards should you keep checking for while operating the backhoe/loader? Give four (4) examples.

_____

_____

_____

_____

_____

_____

_____

_____

Question 25	PC (2.4)

You will be driving the backhoe/loader close to a trench. The trench is more than 1.5 metres deep and a workmate is required to work in the trench. What should be done to the trench before you start?

_____

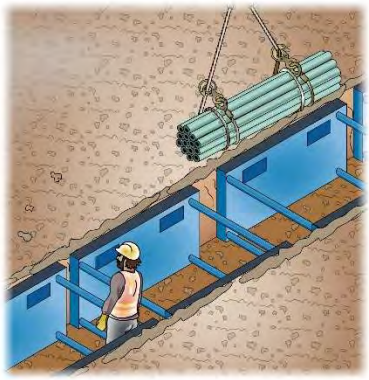
_____

_____

_____

_____

_____



Question 26	PC (2.4)

How can you prevent a trench from caving in? Give two (2) examples.

_____

_____

_____

_____

_____

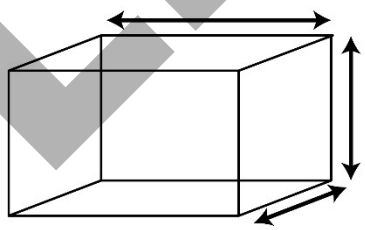
SAMPLE

Question 45	PC (3.1)

How do you calculate the weight of a load? Give three (3) examples.

Question 46	PC (3.1)

How do you calculate the volume of a rectangular object like a truck body?

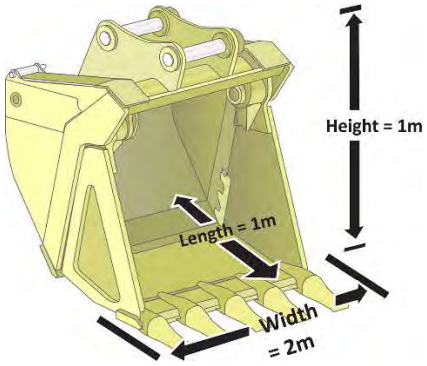


Question 47	PC (3.1)

The bucket pictured below is fitted to your excavator.

If the excavator has a SWL of 1.5 tonne with the bucket fitted; can you move a bucket load of earth?

(Earth weighs 1.9 tonne per cubic meter). Show all your workings.



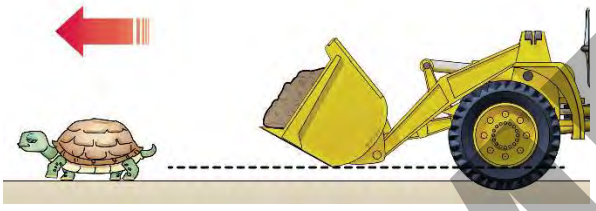
SAMPLE

Question 51	PC (3.3)

You are required to move a load with the backhoe. What could happen if you drive on uneven ground?

Question 52	PC (3.3, 1.3, 2.3)

How can you make sure the backhoe/loader will be stable when travelling with a load?



Question 53	PC (3.4, 2.3)

What should you plan for in the landing area before landing a load?

SAMPLE

Question 54	PC (3.3, 3.4, 2.3)

Are you allowed to raise or lower a load near or over people using the backhoe loader?

_____

_____

_____

_____

_____

Question 55	PC (3.4)

Look at the hand signals below. Write the meaning of each hand signal under the pictures.

Question 56	PC (4.1, 1.6)

What type of attachments can you use on a backhoe/loader? Give three (3) examples.

_____

_____

_____

_____

SAMPLE

Practical Assessment Summary – Competency Sign Off

Files to be submitted.

Written Assessment
❑ 1 x Written quiz assessment

Practical Work
❑ 2 x activity's performed in work place or simulated environment (Video footage of candidate performing work order)
Name of Video File 1: _____
Name of Video File 2: _____

Documents that need to be submitted.
❑ 2 x Copy's of work order
❑ 1 x Trainer's Assessment Work book filled in of candidate's assessment.

Written / Practical Assessment Summary	Satisfactory	Not Satisfactory
0. Written Assessment	❑	❑
1. Pre-Start	❑	❑
2. Drive and operate backhoe/loader	❑	❑
3. Complete operations to specification	❑	❑
4. Attachments	❑	❑
5. Load, unload and relocate backhoe/loader	❑	❑
6. Housekeeping	❑	❑
Competency:	Not Yet Competent ❑ Date: _____	Competent ❑ Date:_____
Feedback to be given to candidate or to Workplace Supervisor		
Trainer / Assessor signature: **Date:**	The learner has been assessed as ❑ **Not Yet competent** / ❑ **competent** in the elements and performance criteria, critical aspects for assessment, required skills and knowledge for this unit and the evidence presented is: ❑ **Authentic** ❑**Valid** ❑ **Reliable** ❑ **Current** ❑**Sufficient**	

SAMPLE