

# RIGID HAUL TRUCK

# Learner Workbook (Formative assessment)



# STUDENT COPY

RIIMPO338E – Conduct rigid haul truck operations



Learner Name: \_\_\_\_\_

Student Number: \_\_\_\_\_ Date: \_\_\_\_\_

This resource was developed by:



# Contents

Contact Details.....	2
Application / Context of Assessment.....	4
Assessment Conditions .....	4
Summary of Practical tasks to be performed. ....	5
Equipment description.....	6
Assessor’s qualifications and assessment conditions.....	6
Assessment Guidelines .....	7
Knowledge Assessment .....	9
Knowledge Assessment Instructions .....	9
Score for knowledge assessment .....	44
Practical Assessment.....	45
Practical assessment instructions .....	45
Summary of practical assessment task.....	46
Description of work order / Job (requirements). ....	47
Practical Assessment – Check List.....	48
Practical Assessment Summary – Competency Sign Off .....	56
Appendix.....	<b>Error! Bookmark not defined.</b>
Basic Pre-Inspection Check list. ....	<b>Error! Bookmark not defined.</b>
Loading equipment that might be used to load a haul truck .....	<b>Error! Bookmark not defined.</b>

## Knowledge Assessment




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

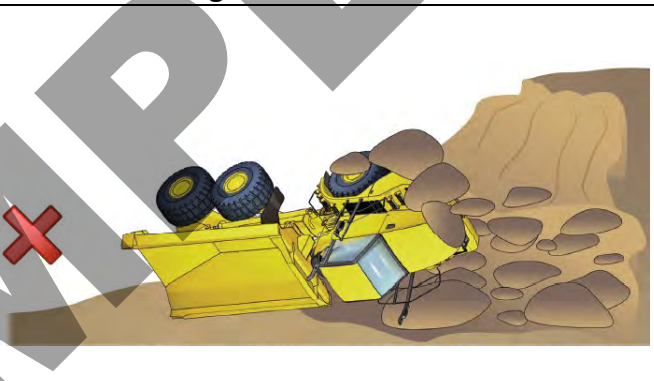
## Knowledge Assessment Instructions




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.



<b>Question 29</b>	<b>PC (1.3)</b>
<b>What does the traffic management plan (TMP) tell you?</b>	
	

<b>Question 30</b>	<b>PC (1.3, 2.5)</b>
<b>What is the danger of driving next to a trench or the edge of a fill?</b>	
	

<b>Question 31</b>	<b>PC (1.3, 2.5)</b>
<b>What is the danger of working when it is dark or difficult to see?</b>	
	

**Question 58**

**PC (2.1, 2.4)**

**You've done the pre-operational checks. Before you can move off, what else do you need to do?**

Empty response area for Question 58.

**Question 59**

**PC (2.2)**

**How do you test the retarder operation?**

The illustration shows a yellow haul truck on a dirt surface. A large, semi-transparent 'SAMPLE' watermark is overlaid diagonally across the image. Four callout boxes are present: one showing a steering wheel, one showing a red retarder pedal, one showing a tire tread, and one showing a turtle. The turtle is a green and brown tortoise-like creature.

**Question 60**

**PC (2.5)**

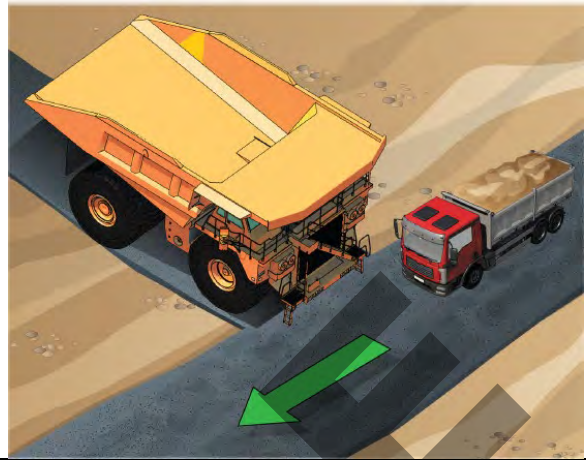
**If all of the brakes on the haul truck fail, how can you stop the truck?**

The illustration shows a yellow haul truck with an orange roof on a steep, muddy embankment. The truck is positioned on a narrow path of earth that has eroded into a deep, dark channel. The background shows a green hillside under a blue sky.

**Question 64**

**PC (2.3)**

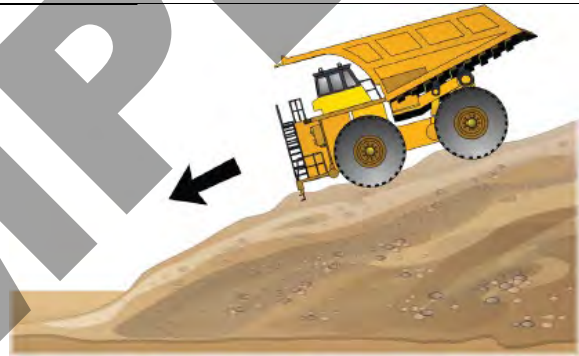
**Your truck is empty. Why do you have to give way to loaded trucks and scrapers?**



**Question 65**

**PC (2.4)**

**You are heading towards a steep slope. What do you do before going down the slope?**

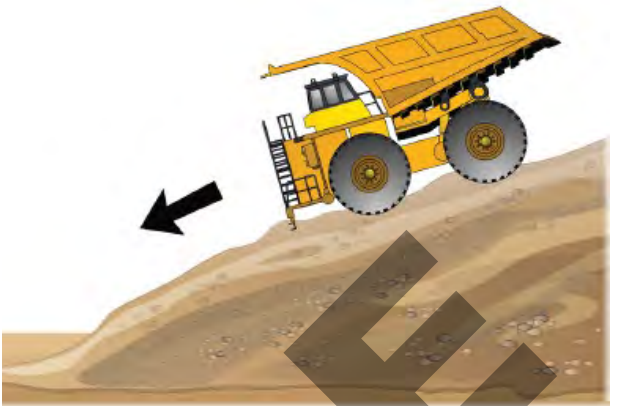


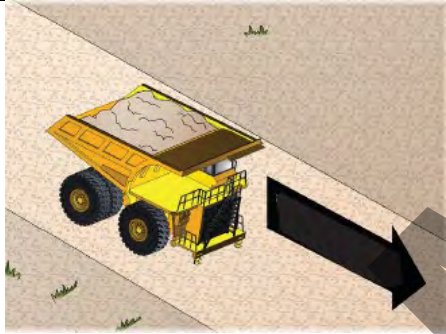
**Question 66**

**PC (2.4)**

**Which gear do you use on a steep slope?**



<b>Question 67</b>	<b>PC (2.3, 2.5)</b>
<b>Which way do you travel down a slope, across or straight down?</b>	
	

<b>Question 68</b>	<b>PC (2.3, 2.5)</b>
<b>When would you choose a rigid haul truck?</b>	
	

<b>Question 69</b>	<b>PC (2.3, 2.5)</b>
<b>How can you keep a haul truck stable?</b>	

## Practical Assessment



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

It is the assessor's responsibility to decide if the candidate has competently demonstrated a skill. The assessor may question a candidate further if their demonstration needs clarification.



## Practical assessment instructions



Practical assessment should be performed in a normal working environment where possible. However, under some circumstances may occur in a simulated work environment (refer to assessment conditions for further information).

The Assessor must:

- Clearly explain to the candidate what is expected of them
- Check that the candidate has been provided with the necessary tools and equipment
- Complete checklists as the candidate goes through the tasks
- Only question a candidate during a practical task if it is safe to do so
- Stop the assessment immediately if the candidate is doing something dangerous
- Stop the assessment immediately if the machine or objects are likely to be damaged
- Inform the candidate of the result of the assessment

If an assessor needs to stop the assessment because of danger or possible damage, the candidate must be marked as not yet competent. If the assessment is stopped, further training would need to take place before a re-assessment can be undertaken.

Tasks in the assessment do not have to be assessed in isolation, they may be done as one continual task, a simple example of this may be to:

*Ask the candidate to perform the **pre-start** requirements, when complete they should **drive** the rigid haul truck to an area where they can **operate** it to **excavate a trench** to pre-determined **specifications** and **stockpile** the removed material. On completion of the trench the candidate could then **backfill** and compact the trench. Next they could drive the rigid haul truck to the attachment storage area, **remove the current attachment** and **fit a new attachment** for example a lifting device. They could then **lift and carry materials** as specified by the assessor. On completion the lifting device could be removed and the original attachment re-fitted. Now the candidate will be required to complete any **housekeeping** requirements then **prepare the rigid haul truck for relocation** and **move the rigid haul truck between worksites**. If the scenario above was completed twice it should meet the requirements as long as two different material types are used.*

**Note:** When performing the practical tasks, the assessor may video the applicant. The location of where the video is stored must be noted so that it can be located when needed.



## Practical Assessment – Check List

The skills and knowledge required to operate a rigid haul truck to load, distribute and place materials, work must be performed on at least two occasions.

**Note** See appendix for guidelines on what to look out for when candidate is performing practical tasks. Use the Appendix topic steps as basic benchmark guides.

### Practical Assessment 1 – Pre-Start



Observation performed when performing Practical Task 1 from work order provided (Job 1, Job 2)	Yes	No	N/A	Job 1	Job 2
Candidate:					
Located and apply relevant documentation, policies and procedures.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Locates operator's manual for rigid haul truck and finds requirements for pre-start and start-up checks.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Locates site policies and procedures for personal protective equipment requirements when operating rigid haul truck.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Candidate displays preparedness for emergency situations by outlining the steps to be taken in the case of a fire or accident.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Interrupt work order or requirements before performing work task.				<input type="checkbox"/>	<input type="checkbox"/>
Selected and wear personal protective equipment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> PPE selected must be as per site policies and relevant to the task. As a minimum MUST include appropriate footwear, Hi-visibility workwear and hard hat.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> PPE must be checked for serviceability and correctly fitted.				<input type="checkbox"/>	<input type="checkbox"/>
Conducted pre-start inspection of rigid haul truck.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Pre-start check is carried out as per operators manual and workplace policies and procedures. Where possible a completed pre-start checklist should be provided as supporting evidence.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> During inspection the candidate must identify and/or verbalise any common faults they are looking for.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Faults and/or damage found during inspection must be managed as per workplace policies and procedures. This should include, tagging out faulty equipment, isolating faulty equipment, reporting to the appropriate person and recording in a logbook. If no faults or damage are found the candidate must verbalise the procedure for the worksite to the assessor.				<input type="checkbox"/>	<input type="checkbox"/>
Carried out vehicle refuelling requirements and procedures where applicable.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Candidate must refuel the rigid haul truck when necessary. The candidate must refer to workplace policies and procedures for refuelling.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> The correct PPE for refuelling must be selected and worn during the refuelling process.				<input type="checkbox"/>	<input type="checkbox"/>

**The applicants' performance in Practical Assessment 1 – Pre-Start activity was deemed to be:**

Satisfactory

Not yet satisfactory

**Applicant signature:**

**Date:**

**Trainer/assessor signature:**

**Date:**

## Practical Assessment 2 – Drive and operate rigid haul truck



Observation performed when performing Practical Task 2 from work order provided (Job 1, Job 2) Candidate:	Yes	No	N/A	Job 1	Job 2
<b>Identifying and reporting all potential hazards, risks and environmental issues</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> The applicant must inspect the work area and identify any potential hazards and risks that exist including environmental hazards and risks. Where possible a completed site inspection checklist should be provided as supporting evidence.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Hazard control methods consistent with the Hierarchy of hazard control and any existing environmental management plan must be used to manage the hazards. Site policies and procedures must also be followed.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> The applicant must inspect the work area and identify any potential hazards and risks that exist including environmental hazards and risks. Where possible a completed site inspection checklist should be provided as supporting evidence.				<input type="checkbox"/>	<input type="checkbox"/>
<b>Starting the rigid haul truck</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Candidate must ensure any footsteps and handgrips are clear of mud, debris and slippery substances. The candidate must face the rigid haul truck when mounting and dismounting and maintain three (3) points of contact at all times. Must not jump.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Rigid haul truck is started as per manufacturer's instructions and workplace policies and procedures. Post-start checks and tests must be carried out and any abnormalities rectified (where possible), reported and recorded.				<input type="checkbox"/>	<input type="checkbox"/>
<b>Driving and operating the equipment</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Candidate applies safe work practices when driving and operating the rigid haul truck, including but not limited to using all warning devices and motion alarms, always checking travel direction is clear, continually monitoring ground and site conditions, monitoring the movement of the boom and bucket and travelling at a safe speed.				<input type="checkbox"/>	<input type="checkbox"/>
<b>Monitored and managed equipment performance using indicators and alarms</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Candidate identifies and monitors all indicators and alarms relevant to managing the performance of the rigid haul truck.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> The candidate must react appropriately to any indicators or alarms and apply problem solving and troubleshooting techniques to rectify any problems when operating the rigid haul truck.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> The candidate adjusts operating techniques to suit site conditions and/or as a direct response to any indicators or alarms.				<input type="checkbox"/>	<input type="checkbox"/>
<b>Parked and secured rigid haul truck</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Candidate parks rigid haul truck in an appropriate and safe location.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Rigid haul truck is shutdown as per operator's manual and workplace policies and procedures. Key must be removed.				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Post-operational inspection of rigid haul truck is performed and any damage or defects are managed as per policies and procedures (i.e.: isolate, tag and report).				<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Rigid haul truck is locked and secured as per workplace policies and procedures.				<input type="checkbox"/>	<input type="checkbox"/>