

# RIGID HAUL TRUCK

# Learner Workbook

(Formative assessment)



# TRAINER'S MARKING GUIDE

RIIMPO338E – Conduct rigid haul truck  
operations



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

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

This resource was developed by:



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## 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.



**Question 23**

**PC (1.3)**

**What does the safety plan tell you?**

How to use tools, plant and equipment safely



Emergency procedures and exits



How to park safely and where to park



How to control hazards and risks



**Question 57**

**PC (2.3)**

**What is the correct method to enter the machine cab or operator's platform?**

Check boots are cleaned of mud or oil



Check machine steps are clear of mud, oil or grease



Open the door



Check the cab floor is clear of tools



Maintain three (3) points of contact at all times when on the machine steps

- 1 foot and 2 hands or
- 1 hand and 2 feet



Enter the cab or operators area and sit down on the seat

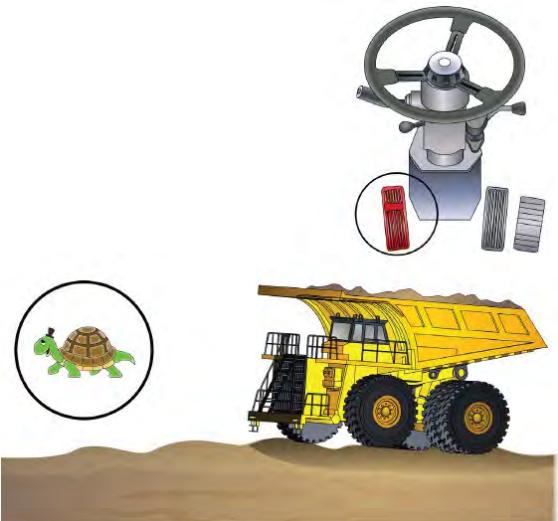



Close the door

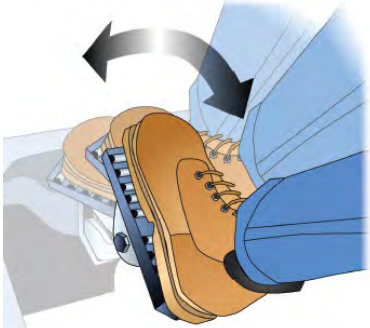



Fasten the seat belt and adjust the seat to gain access to all controls




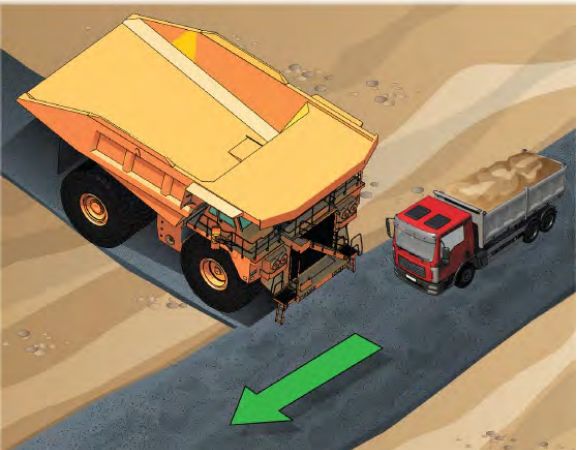
<b>Question 59</b>	<b>PC (2.2)</b>
<b>How do you test the retarder operation?</b>	
<p>Drive the truck forward at about 10 kph and engage the retarder. This should slow the truck down quickly.</p> 	

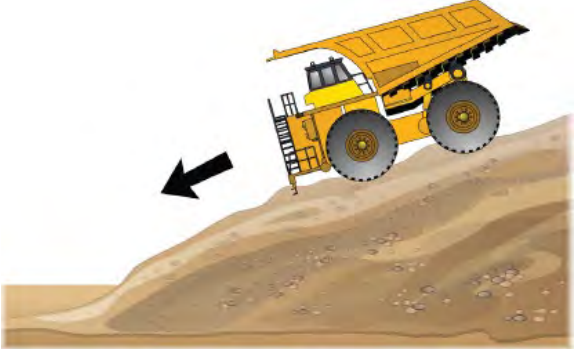
<b>Question 60</b>	<b>PC (2.5)</b>
<b>If all of the brakes on the haul truck fail, how can you stop the truck?</b>	
<p>Change to a lower gear to slow down. Drive the haul truck into a ditch, soft area, gutter or up a ramp or embankment if you can. You only do this in an emergency when you have no other choices.</p> 	


<b>Question 61</b>	<b>PC (2.3, 2.5)</b>
<b>Why should you firmly press the brake pedal instead of fanning or pumping the pedal?</b>	
<p>Fanning or pumping the brake pedal might use up the brake booster pressure too quickly. Avoid fanning the brake pedal.</p> 	

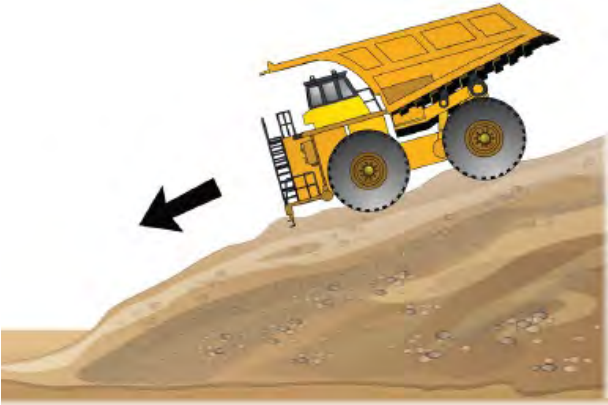
<b>Question 62</b>	<b>PC (2.3)</b>
<b>What does the retarder do?</b>	
<p>The retarder helps you control the speed of the haul truck on slopes. You can use the retarder instead of the service brakes on slopes.</p>	

<b>Question 63</b>	<b>PC (2.4)</b>
<b>What does the haul truck have that warns people you are going to drive forwards or in reverse?</b>	
<p>The haul truck has a warning alarm that beeps.</p>	

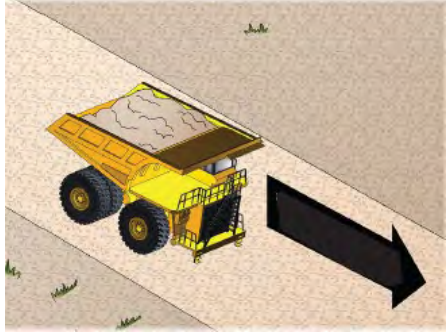
<b>Question 64</b>	<b>PC (2.3)</b>
<b>Your truck is empty. Why do you have to give way to loaded trucks and scrapers?</b>	
<p>Because you can stop and turn your empty truck more easily. This is because loaded trucks are heavier than unloaded trucks, so it takes longer for them to stop.</p>	



<b>Question 65</b>	<b>PC (2.4)</b>
<b>You are heading towards a steep slope. What do you do before going down the slope?</b>	
<p>Slow down by using the service brake, then choose a low gear and use the retarder.</p>	


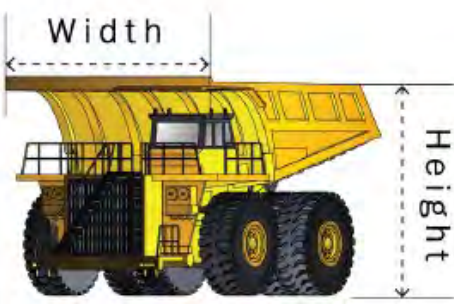
<b>Question 66</b>	<b>PC (2.4)</b>
<b>Which gear do you use on a steep slope?</b>	
<p>Use a low gear.</p>	

<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>	
<p>Travel straight down the slope. You might use the retarder to help control the speed of the haul truck.</p>	



<b>Question 68</b>	<b>PC (2.3, 2.5)</b>
<b>When would you choose a rigid haul truck?</b>	
<p>You choose a rigid haul truck when you'll have a heavier or larger load.                  You use a rigid haul truck for hauling loads up to 267 cubic metres in size.                  Rigid haul trucks are faster than articulated haul trucks. They are best on flat roads for long hauls.                  Check the site procedures to find out the maximum speed limit on your site.</p>	
	

<b>Question 69</b>	<b>PC (2.3, 2.5)</b>
<b>How can you keep a haul truck stable?</b>	
<p>Keep the truck from areas where it could tip over.</p> 	<p>Don't dump while the truck is on a slope.</p> 

<b>Question 70</b>	<b>PC (2.3, 2.5)</b>
<b>What are some things to remember when operating a haul truck?</b>	
<p>Don't overload the truck. Keep within the SWL/maximum capacity.</p> 	<p>Know the height and width of the truck.</p> 

## Score for knowledge assessment

Knowledge Assessment		
Correct answers:	_____ / 112	
Percentage:		
Result (circle):	Satisfactory	Not satisfactory

Assessor feedback:

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If you have any questions about your results, speak to your trainer/supervisor.

## 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).

## 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:**