



TLILIC0003 Licence to operate a forklift truck

STUDENT ACTIVITY BOOK

Student full name	
Date	

TLILIC0003 Licence to operate a forklift truck

This unit specifies the skills and knowledge required to operate a forklift truck safely in accordance with all relevant legislative requirements. Competence in this unit, does not in itself result in a HRWL licence to operate this plant. Forklift truck means a powered industrial truck equipped with lifting media made up of a mast and an elevating load carriage to which is attached a pair of fork arms or other attachments that can be raised 900 mm or more above the ground, but does not include a pedestrian-operated truck or a pallet truck. A person performing this work is required to hold a forklift truck High Risk Work Licence (HRWL). This unit requires a person operating a forklift truck to:

- plan for the work/task
- prepare for the work/task
- perform work/task
- pack up

Legislative and regulatory requirements are applicable to this unit of competency. This unit is based on the licensing requirements of Part 4.5 of the Model Work Health and Safety (WHS) Regulations and meets Commonwealth, State and Territory HRWL requirements. The National Assessment Instrument (NAI) is the mandated assessment for the HRWL to operate the relevant licencing class as detailed in this unit

STUDENT ACTIVITY BOOK

STUDENT RECORD OF TRAINING - Student Details

Student full name			
Trainer/Assessor			
Trainer/Assessor name		Date	
TA comments must write comments if student is not competent, or where they can improve. TA can also put positive feedback			

STUDENT INSTRUCTIONS

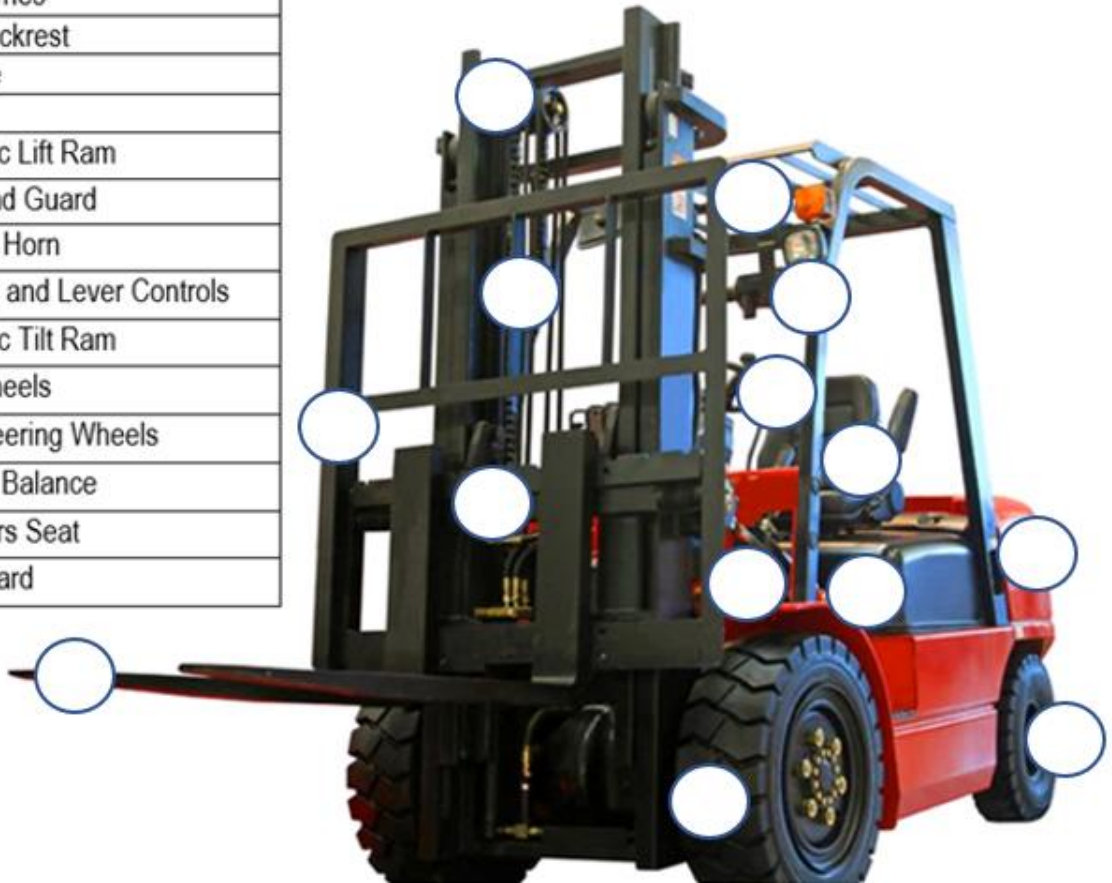
1. The activity book is used as learning resource only and is not for assessment, it may be used in conjunction with the student guide and or PowerPoint
2. All questions should be attempted
3. Discussion with other students is permitted during activity book
4. Assistance from the Trainer/Assessor may be requested to clarify a question
5. More than one multiple choice answer may be correct
6. Return or hand the activity book to the Trainer/Assessor or the RTO once completed
7. You may choose to mark your own activity book during your RTO attendance if desired

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Short Questions	S	NS	Short Questions	S	NS
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1. Identify the parts of the forklift by placing the correct letter to the part.

A	Forks/Tynes
B	Load Backrest
C	Carriage
D	Mast
E	Hydraulic Lift Ram
F	Overhead Guard
G	Lights & Horn
H	Steering and Lever Controls
I	Hydraulic Tilt Ram
J	Drive wheels
K	Rear/Steering Wheels
L	Counter Balance
M	Operators Seat
N	Foot Guard



<p>2. What documents should you obtain when identifying task requirements, and when planning forklift operations?</p> <p>a. Work orders</p> <p>b. Work plan which may be verbal, documented/written, or electronically generated</p> <p>c. TAKE 5</p> <p>d. Job Safety Analysis</p> <p>e. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>3. If a high-risk worker is not working safely under a high-risk work licence, what can the work health and safety regulator do?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
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Short Questions	S	NS	Short Questions	S	NS
<p>4. What must an employer provide before you can operate a new type of forklift truck?</p> <p><i>Provide <u>three</u> examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>5. List three (3) obligations employers have to ensure the health and safety of all workers.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>6. List three (3) actions you can take to ensure you meet Duty of Care requirements.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>7. List four (4) types of workplace compliance documents that you can refer to, for safe operations of forklift trucks.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>


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Short Questions	S	NS	Short Questions	S	NS																		
<p>8. Before starting work, what else should you plan for other than site hazards? <i>Provide <u>six</u> examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>9. What are the minimum safe operating distances you must remain away from power lines <u>in your state</u>?</p> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="2" style="text-align: left; padding: 2px;">QLD</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Up to 132KV</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 2px;">132kv to 330kv</td> <td></td> </tr> <tr> <td style="padding: 2px;">More than 330kv</td> <td></td> </tr> </tbody> </table> <table border="1" style="margin: 10px auto; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="2" style="text-align: left; padding: 2px;">NT</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">50v to 1000v</td> <td style="width: 40px;"></td> </tr> <tr> <td style="padding: 2px;">1000v to 33000v</td> <td></td> </tr> <tr> <td style="padding: 2px;">33000v to 66000v</td> <td></td> </tr> <tr> <td style="padding: 2px;">66000v to 132000v</td> <td></td> </tr> </tbody> </table>	QLD		Up to 132KV		132kv to 330kv		More than 330kv		NT		50v to 1000v		1000v to 33000v		33000v to 66000v		66000v to 132000v		<input type="checkbox"/>	<input type="checkbox"/>
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66000v to 132000v																							
<p>10. If you want to know the voltage of powerlines that you are working near, who would you contact?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>11. To identify overhead power lines, what are two (2) observations you can make?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>																		

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<p>12. If the ground surface is wet and slippery, what three (3) actions might you take?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>13. What ground checks would you make before operating a forklift on an unsealed surface?</p> <p>a. Backfilled ground</p> <p>b. Water impacted (soft ground or soil)</p> <p>c. Pot holes</p> <p>d. Underground services</p> <p>e. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>14. What types of faults would you look for in bitumen, concrete, steel grates or decks?</p> <p>a. Insufficient strength</p> <p>b. Cracks</p> <p>c. Potholes</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>15. How will operating a forklift truck on uneven ground or soft soils affect the forklift truck?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>16. To prevent exposure to dangerous gases, identify the type of forklift you would use in a confined space.</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>17. When an attachment is fitted to a forklift, what will be affected?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>18. Where is the forward Point of Balance (fulcrum) for a forklift truck?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>19. Mark the load centre distances on the diagram below for an (evenly distributed load).</p> <div style="text-align: center; margin: 10px 0;">  </div>	<input type="checkbox"/>	<input type="checkbox"/>
<p>20. What load centre distance do forklifts in Australia generally have? (Use millimetres)</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>21. Why is forklift "rear end swing" dangerous or destructive to nearby personnel, plant, or equipment?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>22. Where would you locate the rated capacity information on a forklift or attachment?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>23. What must you be aware of when using a jib attachment on a forklift truck?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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<p>24. Which of the following attachments can be used on a forklift truck? <i>(Tick all correct attachments)</i></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 20px;"> <tr> <td style="width: 50%;">Fork tyne extension</td> <td style="width: 5%;"></td> <td style="width: 50%;">Bale clamps</td> <td style="width: 5%;"></td> </tr> <tr> <td>Paper roll clamps</td> <td></td> <td>Blade attachment</td> <td></td> </tr> <tr> <td>Drum clamp</td> <td></td> <td>Carpet spike</td> <td></td> </tr> <tr> <td colspan="4">List four (4) other types of attachments</td> </tr> <tr> <td colspan="4" style="height: 30px;"></td> </tr> <tr> <td colspan="4" style="height: 30px;"></td> </tr> </table>	Fork tyne extension		Bale clamps		Paper roll clamps		Blade attachment		Drum clamp		Carpet spike		List four (4) other types of attachments												<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
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<p>25. List three (3) personnel you would consult with about workplace hazards before starting work.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>26. Why is it important to check your path of movement before commencing forklift operations?</p> <p>a. So that we have identified all hazards</p> <p>b. So that we have applied appropriate controls measures</p> <p>c. It is safe to continue operations</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>																								
<p>27. What is the legislative distance you must maintain when operating a forklift near a railway?</p> <p>a. 1 metre</p> <p>b. 2 metres</p> <p>c. 3 metres</p> <p>d. 4 metres</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>28. What types of conditions are you allowed to drive across trench covers with a forklift truck?</p> <p>a. When covers are rated</p> <p>b. When the forklift weight is inside that rating</p> <p>c. When covers are secure</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>																								


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<p>29. Define the following.</p> <p>A Hazard</p> <p>.....</p> <p>.....</p> <p>A Risk</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>30. List seven (7) potential workplace hazards which could affect forklift operations.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>31. Number 1-6 the following hierarchy of hazard control in the correct order of effectiveness, 1 being most effective.</p> <p><input type="checkbox"/> Engineering controls</p> <p><input type="checkbox"/> Personal Protective Equipment</p> <p><input type="checkbox"/> Elimination</p> <p><input type="checkbox"/> Isolation</p> <p><input type="checkbox"/> Administrative controls</p> <p><input type="checkbox"/> Substitution</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>32. What Personal Protective Equipment (PPE) may be required to refuel and or recharge a forklift truck?</p> <p>a. Gloves</p> <p>b. Safety Glasses</p> <p>c. Safety boots</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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<p>33. When working in ultra violet (sunlight), what PPE is required?</p> <p>a. Long sleeve shirt</p> <p>b. Sunscreen</p> <p>c. Broad brim Hat</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>34. How can you obtain procedures for refueling or recharging gas and electric forklifts?</p> <p>a. Manufacturer instructions</p> <p>b. OEM Instructions</p> <p>c. Site/workplace procedures</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>35. List two (2) reasons why you must wear a seatbelt on a forklift truck.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>36. What documents would you refer to when operating the forklift on-site, and when placing traffic signs outside of the site?</p> <p><i>You must circle <u>two</u> correct answers</i></p> <p>a. The traffic control plan/Traffic management plan</p> <p>b. Traffic control guidance scheme</p> <p>c. SWMS</p> <p>d. Environmental Management Plan</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>37. What controls would you apply with the traffic management plan, in order to keep pedestrian's safe in the work area?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>38. List four (4) forms of communication used within the work environment.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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<p>39. What does the hand signal mean?</p> <div style="text-align: center;">  </div> <p>a. Stop b. Turn right c. Travel d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>40. Why would you confirm your work or task requirements with your supervisor?</p> <p>a. To ensure any requirements for the work area are met e.g., traffic control, isolation, or signage requirements</p> <p>b. To ensure workplace procedures are understood and followed</p> <p>c. Answer a & b are correct</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>41. Why would you maintain communications with workplace personnel?</p> <p>a. To ensure all personnel understand the workplan</p> <p>b. To ensure work will be done according to site requirements</p> <p>c. To ensure work will be done according to safe work procedures</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>42. What actions would you take, if you are unsure of a spotter's hand signal?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>43. When operating the forklift at night, what must you have in place before operating?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>44. What should you be aware of when working in extreme heat?</p> <p>a. Remaining hydrated</p> <p>b. Taking regular breaks</p> <p>c. Signs of fatigue</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>45. Why would you check the weather forecast before commencing work?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>46. List three (3) types of hazards created by weather that impact forklift operations.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>47. Whilst operating a forklift, what would you do if the weather changes and there is strong wind, lightning, heavy rain, or hail?</p> <p>a. Stop work</p> <p>b. Safely lower the load if you have one according to manufacturer requirements</p> <p>c. Notify your supervisor</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>48. What types of risk controls could be used to control hazards in the workplace?</p> <p>a. Barricades</p> <p>b. Signage</p> <p>c. Lights</p> <p>d. Traffic controller</p> <p>e. Spotter</p> <p>f. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>49. What would you refer to for the correct start up procedure of the forklift truck?</p> <p><i>You must circle <u>one</u> correct answer</i></p> <p>a. Manufacturer's start-up procedure/operator manual</p> <p>b. Australian standards</p> <p>c. Codes of practice</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>50. During your pre-start operational check, a hydraulic leak is detected and a data plate is missing or damaged. What action would you take?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>51. You must always check the forklift truck logbook to review:</p> <ul style="list-style-type: none"> • Forklift operation • Daily safety checks • Defects and repairs <p>a. True b. False</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>52. List seven (7) pre-start checks you would conduct on a forklift truck.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>53. What could happen if you refuel the forklift with the engine running?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>54. What document would you refer to when identifying all the controls on the forklift?</p> <p><i>You must circle <u>one</u> correct answer</i></p> <p>a. SWMS</p> <p>b. The operator manual</p> <p>c. SDS</p> <p>d. Action plan</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>55. Before using a forklift, list five (5) checks you would carry out on the tyres and rims.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>56. Why is correct air pressure important on air filled tyres?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

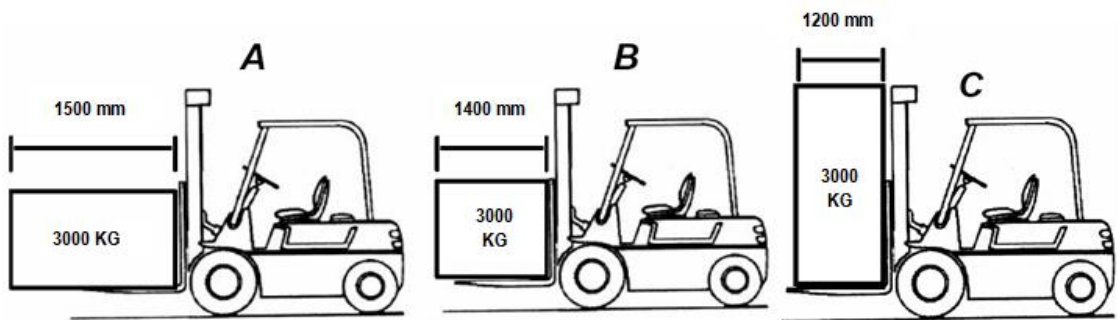
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<p>57. Where would you report and record any faults or damage to a forklift and who would you report it to?</p> <p><i>You must circle <u>two</u> correct answers</i></p> <ul style="list-style-type: none"> a. Inform supervisor b. Tool box meeting c. Record in the log book d. Diary log 	<input type="checkbox"/>	<input type="checkbox"/>	<p>58. What must you refer to, for the correct requirements when attaching and securing any forklift attachment?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>59. All signage relevant to forklift, attachments and labels including data plates, must be checked to ensure they are visible and legible in accordance with the appropriate standard.</p> <ul style="list-style-type: none"> a. True b. False 	<input type="checkbox"/>	<input type="checkbox"/>	<p>60. List three (3) post-start operational checks done after starting your forklift according to manufacturer specifications.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>61. What types of safety devices would you test, report and record before using the forklift truck?</p> <ul style="list-style-type: none"> a. Horns b. Audible and visual reversing devices (reverse beeper and lights) c. Seat belt d. Lights and Hazard lights e. All of the above 	<input type="checkbox"/>	<input type="checkbox"/>	<p>62. Identify the major function guards have on a forklift by completing the below information.</p> <p>The stops the load fouling the mast and protects the operator.</p> <p>The protect the operator from falling objects.</p>	<input type="checkbox"/>	<input type="checkbox"/>

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<p>63. Why must batteries be charged in a well-ventilated area?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>64. What action would you take, if you hear any abnormal noises after starting the forklift truck?</p> <p>a. Shut down the forklift</p> <p>b. Put a danger tag on the forklift</p> <p>c. Report the noise to the appropriate person</p> <p>d. Record fault in the logbook</p> <p>e. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>65. List three (3) methods to determine the weight of an unmarked load.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>			

66. The forklift trucks shown below are rated at 3000 kg at 700mm load centre, which one is overloaded?



- a. Load A
- b. Load B
- c. Load C

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<p>67. Why must you never raise or lower a load near or over people?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>68. When are you able to travel with a passenger in a forklift?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>69. List two (2) reasons why it is unsafe to carry a load on only one fork.</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>70. At what height should the load be positioned when travelling?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>71. If you are unable to see over your load, what actions you could take?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>72. How will a forklift truck be affected if the load is not hard against the heel of the fork arms?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>73. Why must you constantly monitor load movement?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>74. Before shifting a load, what would you place over the gap between a truck and a loading dock?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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<p>75. Why is it unsafe to turn a forklift with a load when it is on a ramp or sloping surface?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>76. If you experience a failure or loss of controls when working, what would you do?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>77. In the event of a rollover, list three (3) steps you would follow.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>78. What procedures would you follow in the event of a site emergency?</p> <p>a. Follow the sites' emergency procedures</p> <p>b. Follow MSDS</p> <p>c. How to fight a blaze</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>79. Number 1-5 in the correct order – action you take if your forklift touches overhead electric lines, 1 is your first response.</p> <p><input type="checkbox"/> Have the forklift checked before next use</p> <p><input type="checkbox"/> Attempt to break contact with electric lines</p> <p><input type="checkbox"/> Warn others to stay away</p> <p><input type="checkbox"/> Stay in the cab if safe to do so, If it's not safe jump out and hop/shuffle 8m clear</p> <p><input type="checkbox"/> Report the incident to authorities</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>80. What direction must the load face when travelling up a ramp?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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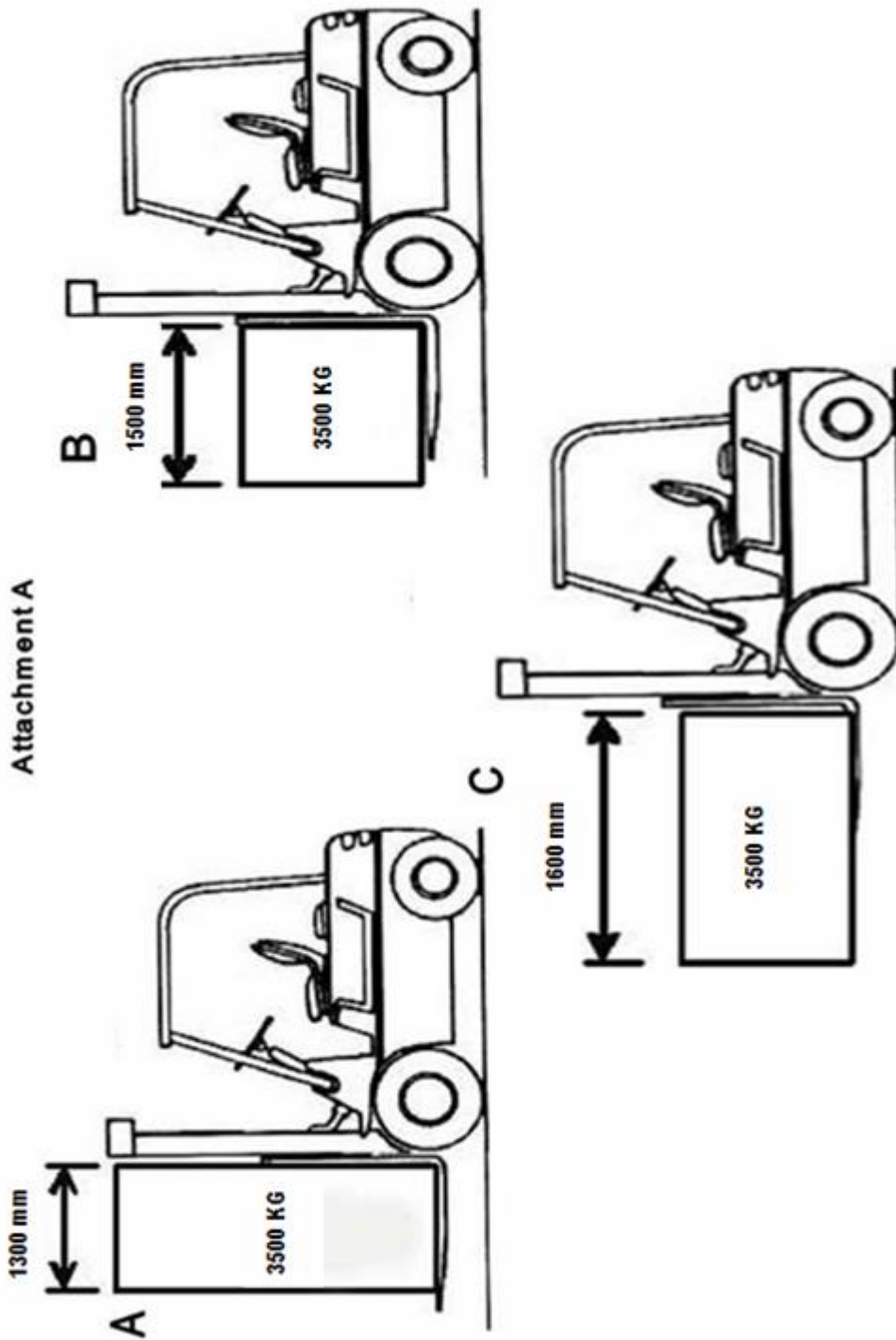
Short Questions	S	NS	Short Questions	S	NS
<p>81. List three (3) things you must be aware of when stacking loads on top of each other.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>82. Why is it important to ensure you have centralised your side shift before travelling?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>83. List three (3) actions that would cause a forklift truck to tip over sideways while travelling with a load.</p> <p>(Lateral instability)</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>84. List three (3) actions that may cause a forklift to tip forward, or backwards while travelling?</p> <p>(Longitudinal instability)</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>85. List three (3) locations within the workplace where you would not park your forklift truck.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>86. If your forklift truck must be parked on an inclined surface, what precautions would you take?</p> <p>a. Conduct normal parking routine facing uphill</p> <p>b. Switch/Turn off forklift and isolate</p> <p>c. Chock the wheels of the forklift</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>87. List three (3) steps to correctly park up and shutdown your forklift truck to manufacturer requirements.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>88. How would you ensure your forklift is secured to prevent unauthorised use?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

SAMPLE FORKLIFT CALCULATIONS

Short questions	S	NS
<p>Q1. The load to be moved is cartons that are stacked on a pallet</p> <ul style="list-style-type: none"> 8 to a layer 6 layers on the pallet The pallet weighs 12kg Each carton is 25kg <p>What is the combined weight of the cartons and pallets? (Show all calculations)</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Q2. The load to be moved is drums stacked on a pallet</p> <ul style="list-style-type: none"> 6 drums on the pallet Each drum is 230kg The pallet weighs 50kg <p>What is the combined weight of the drums and pallets? (Show all calculations)</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Q3. The load to be moved is bags of concrete stacked on a pallet</p> <ul style="list-style-type: none"> 65 bags on the pallet Each bag is 25kg The pallet weighs 50kg <p>What is the combined weight of the concrete bags and pallets? (Show all calculations)</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Q4. The forklift trucks in attachment A (next page) are rated at 3500kg at 700mm load centre. Which of the loads are within the capacity of the forklift truck?</p>	<input type="checkbox"/>	<input type="checkbox"/>



Conduct the following calculations in questions 5-8 using the load chart marked attachment B on next page

Short questions	S	NS
<p>Q5. Can a load weighing 1530kg load centre 600mm be raised with 3 degrees forward tilt?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Q6. What is the maximum WLL the fork can lift with the mast in a vertical position?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Q7. Can a load weighing 2040kg and a load centre of 700mm be raised with the mast in the vertical position?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Q8. What is the maximum working load limit (WLL) the fork can lift with the mast tilted forward?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

Attachment B

Forklift Truck Load Chart LF

LOAD CHART LF					
This load chart is for assessment use only and must not be used for any other purpose.					
AFCO	MODEL	MCPA	SERIAL NO	MAX HEIGHT	3708 mm
TYRES	700 x 12 x 12	FRONT	REAR	MAX BACK TILT: 10 DEGREES	
MAST VERTICAL			MAST FORWARD TILT: 3 DEGREES		
FORKS	LENGTH mm	FORK HEIGHT mm	LOAD CENTRE mm	WORKING LOAD LIMIT	1515kg
	1065	3708	600	2040kg	
SLIPPERS					
RAM:					
PAPER GRAB					
BALE GRAB					
MAXIMUM DISTANCE FROM CENTRE OF LOAD TO FRONT OF FACE OF					
		a. FORKS	b. RAM APRON	c. GRAB APRON	

WARNING

USE OF FORK LIFT TRUCK FORKS, GRAB, SLIPPERS OR JIB

- DO NOT LIFT LOAD UNLESS PLACED EVENLY ON FORKS.
- DO NOT TRANSPORT OR MANOEUVRE WITH LOAD RAISED EXCEPT TO CLEAR OBSTRUCTIONS AND THEN ONLY WITH MAST TILTED BACK TOWARD DRIVER.
- DO NOT TILT MAST FORWARD EXCEPT WHERE NECESSARY TO PICK UP OR DEPOSIT LOAD.
- DO NOT NEGOTIATE ANY INCLINE UNLESS MAST END IS UPHILL.
- DO NOT REVOLVE GRAB WHEN RAISED OR WHILST TRAVELLING.
- GRIP ROLL ONLY IN ITS CENTRE WHEN REVOLVING.
- CENTRALISE GRAB ARMS ON CARRIAGE BEFORE TILTING.
- DO NOT TILT MAST FORWARD WHEN LOAD SUSPENDED ON JIB
- KEEP JIB AS LOW AS POSSIBLE AT ALL TIMES BY USING MINIMUM LENGTH SLINGS ON LIFTING BEAM.
- DO NOT USE JIB ATTACHMENT UNLESS THE ALLOWABLE LOAD IS MARKED ON THE JIB AT EACH HOOK POSITION.

Forklift Model. HHDRIS99175

Serial NO. 007

Forklift weight = **8500kg**

Tyre width = **1900mm**

Mast tilt back = **8.0 degrees**

Attachment = 1800mm carriage + Side shifting fork positioner
NMHG 77L-FPS-c204+1900mm forks



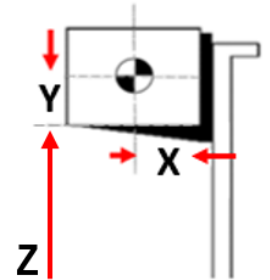
WARNING

Improper inspection, maintenance or use can lead to serious injury or death, only trained, licenced and or competent persons should undertake operating or service activities



Maximum Capacity	Maximum fork height		Load centre	
	Z	5000mm	X	Y
7000kg			600mm	600mm

Tyre	Front	Rear
Size	7.25-14/13-PLY Dual Pneu	7.25-14/13-PLY Dual Pneu
Pressure	900KPA	900KPA



Short questions

S NS

Q9 For the following 3 questions use the data plate provided above

a) - Can you lift a box with a total weight of 2000kg measuring 1200mm long, 1200mm wide, and 1100mm high safely?
Explain your answer and or show calculations

b) - Can you lift a freight container which contains a 5000kg load?

Tare weight of container is 2100kg with container dimensions 2300mm wide by 1200mm long and 2000mm high.

Explain your answer, show calculations including load centre distance

c) - What is the maximum height the forklift truck can lift?