



**TLILIC0005 Licence to operate a boom-type
elevating work platform (boom length 11
metres or more)
AND
RIIHAN301E Operate elevating work platform**

STUDENT ACTIVITY BOOK

Student full name:	
Date:	

EWP CLUSTER

TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 metres or more)
 AND
 RIIHAN301E Operate elevating work platform

STUDENT ACTIVITY BOOK

STUDENT RECORD OF TRAINING - Student Details

Student full name:			
<i>DECLARATION - I declare that the information contained in this application is true and correct and that all documents are genuine and I accept the assessment outcome and am aware I can appeal outcome as per the student handbook.</i>			
Student Signature			
Trainer/Assessor			
Activity book	Satisfactory	<input type="checkbox"/>	Not satisfactory <input type="checkbox"/>
Trainer/Assessor name:			
Trainer/Assessor signature:		Date:	
TA comments			

Student Introduction, Instructions & Guidelines

Application

This unit specifies the skills and knowledge required to safely operate a boom-type Elevating Work Platform (EWP) where the length of the boom is 11 metres or more in accordance with all relevant legislative requirements. Competence in this unit, does not in itself result in a Risk Work Licence (HRWL) to operate this plant. Boom-type elevating work platform means a telescoping device, hinged device, or articulated device, or any combination of these, used to support a platform on which personnel, equipment and materials may be elevated. A person performing this work is required to hold a boom-type elevating work platform HRWL.

This unit requires a person operating an EWP to:

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

Licensing/Regulatory Information

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.

This unit describes the skills and knowledge required to operate an elevating work platform at any height. This unit applies to those working in operational roles. The work required in this unit relates to the National Standard for High Risk Work but this unit does not provide the licence. Licensing, legislative, regulatory or certification requirements that may apply to this unit can vary between states, territories and industry sectors, and must be sourced prior to applying this unit. This unit alone does not provide sufficient skill to independently load and unload equipment. To perform this activity safely, personnel must either complete or be assisted by someone who has completed RIIHAN308F Load and Unload Plant or equivalent.

Welcome to the assessment of **TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 metres or more) and RIIHAN301E Operate elevating work platform**. During this assessment you will work through a Theory Assessment and Practical Assessment with observable tasks. These activities will give you an understanding of this unit.

Elements covered in this assessment are:

1. Plan work/task
 2. Prepare for work/task
 3. Perform work/task
 4. Pack up
-
1. Plan and prepare for operating an elevating work platform
 2. Operate elevating work platform in line with established requirements to complete work activity
 3. Conduct housekeeping activities

Understanding the Assessment

During your training you will be observed working in various areas of your establishment. You will be assessed on your knowledge, skills and attitude whilst working in these areas. To be successful you must demonstrate competency on an ongoing basis. When you feel confident in a task you have undertaken or are about to undertake, notify your Trainer/Assessor so they are able to observe you during the task.

You may be assessed in any number of ways:

- You may be asked to explain how to undertake a given task
- You may be observed while carrying out a task
- You may be questioned on your ability to achieve the specified outcome
- You may have to complete various written tasks

Your Trainer/Assessor will carry out these assessments and you will be given notice as to when each assessment will take place. **To complete your assessment for each unit, you must successfully complete all Theory and practical assessment pieces to the required standard.**

This unit is to be assessed by Theory Assessment and Practical assessment.

- 1. Theory assessment– minimum of 4- 8 hrs.** Theory - *This is an open activity book inclusive of multiple choice and written responses Activity book -short questions, done in class with the Trainer/Assessor. 100% accuracy to be achieved including any verbal responses.* Theory assessment - *Knowledge test - closed book 100% accuracy to be achieved.*
- 2. Practical Assessment –** *Practical Assessments will include oral questions and observation of the person performing the tasks. Practical Assessments are to be conducted in the work environment wherever possible. Some aspects may be conducted under simulated conditions where issues of safety and environment damage are limiting factors.*
- 3.** Successful assessment of this unit meets the competency requirement of the National Standard for Licensing Persons Performing High Risk Work. State/territory OH&S regulators have mandated the use of Assessment Instruments and Instructions for Assessment for this unit which have been endorsed by the national body responsible for OH&S matters.
- 4. External Experience** student attends their current Employer/industry placement to complete **60 nominal hours** in high-risk log book (work placement is the student's responsibility) *RTO does not provide any industry placement*
- 5. Final test - mandatory assessment theory and practical 8 -10 hrs**
- 6.** Successful assessment of this unit meets the competency requirement of the National Standard for Licensing Persons Performing High Risk Work. State/territory OH&S regulators have mandated the use of Assessment Instruments and Instructions for Assessment for this unit which have been endorsed by the national body responsible for OH&S matters

STUDENT INSTRUCTIONS

1. This is an open activity book
2. All questions to be attempted
3. Blue/black pen only to be used
4. Discussion with other Students is permitted during activity book
5. Assistance from the assessor may be requested to clarify a question
6. All questions must be answered correctly to be successful
7. All errors made by the student to be initialled by the student
8. The assessor may ask verbal questions to clarify points to be successful
9. When you have finished the activity book, complete the coversheet and hand all to your assessor
10. More than one multiple choice answer may be correct

REASONABLE ADJUSTMENT

If you have any special needs that your assessor does not know about, you should let them know as soon as possible before starting any assessment so that your assessor can make changes where possible.

COMPETENT

To be found competent in this unit of competency, you must 'satisfactorily' complete all assessment instruments and be assessed as competent in both the Theory and the Practical assessment

FEEDBACK

After an assessment, your assessor should give you feedback to let you know how you went and will discuss reassessment opportunities with you if needed. This feedback, along with the assessment result, will be recorded by your assessor on the front page of this assessment.

APPEALS ASSESSMENT

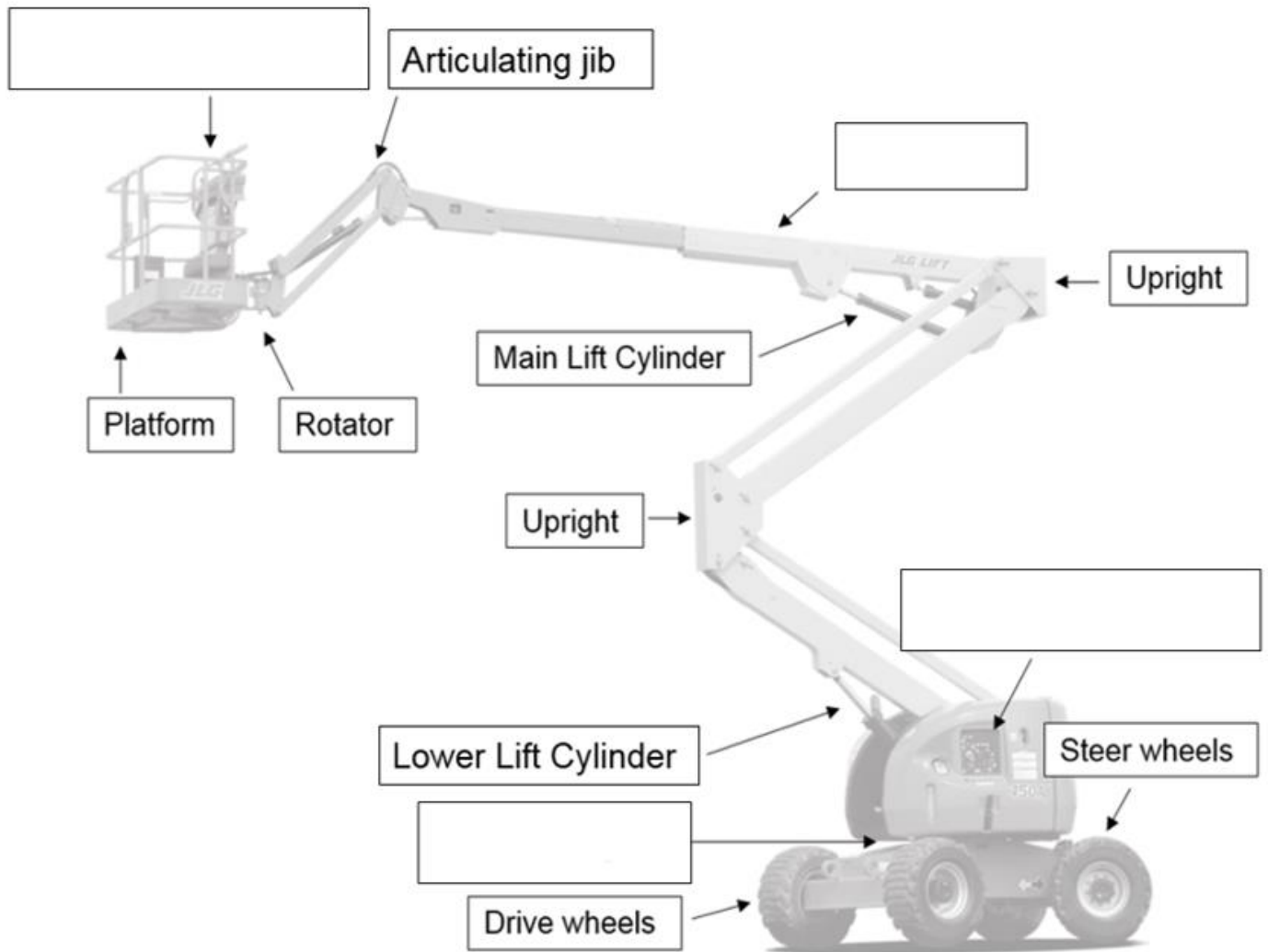
All Students have the right to appeal an assessment if you feel you have not been fairly assessed in either the theory or the practical for this unit. This may include a reassessment or, you can make an appeal by completing our complaints and appeals form. You can find more information about appeals in the student handbook

REASSESSMENT

All Students have the right to be re assessed. You will need to discuss this option with your Trainer/Assessor. Reassessment may include further training, resit the theory assessment or practical assessment. Guidelines depend on the regulator requirements for example re assessed on the day.

TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 metres or more) and RIIHAN301E Operate elevating work platform– ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
1. Name the parts of the EWP.				<input type="checkbox"/>	<input type="checkbox"/>



2. How do you identify your task requirements? 	<input type="checkbox"/>	<input type="checkbox"/>	3. Who would you confirm task requirements with? 	<input type="checkbox"/>	<input type="checkbox"/>
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TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 metres or more) and RIIHAN301E Operate elevating work platform– ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
<p>4. What are six (6) operational considerations you should plan for before work and other than site hazards?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>5. Where can you find workplace safety information? <i>Provide four (4) reference types</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>6. What obligations do employers have to ensure the health and safety of all workers? <i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>7. List three (3) actions you can take to ensure you meet Duty of Care requirements.</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. 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><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>9. What must an employer provide before you can operate a new type of elevating work platform?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>10. If you need to work closer than the prescribed safe operating distances for power lines, what action would you take?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>11. If you want to know the voltage of powerlines that you are working near, who would you contact?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS																		
<p>12. What are the minimum safe operating distances you must remain away from power lines for your state?</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">QLD</td> </tr> <tr> <td>Up to 132KV</td> <td>=</td> </tr> <tr> <td>132kv to 330kv</td> <td>=</td> </tr> <tr> <td>More than 330kv</td> <td>=</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">NT</td> </tr> <tr> <td>50v to 1kV</td> <td>=</td> </tr> <tr> <td>1kV to 33kV</td> <td>=</td> </tr> <tr> <td>33kV to 66kV</td> <td>=</td> </tr> <tr> <td>66kV to 132kV</td> <td>=</td> </tr> </table>	QLD		Up to 132KV	=	132kv to 330kv	=	More than 330kv	=	NT		50v to 1kV	=	1kV to 33kV	=	33kV to 66kV	=	66kV to 132kV	=	<input type="checkbox"/>	<input type="checkbox"/>	<p>13. What types of signs, instructions, or indicators will make overhead power lines easy to identify?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
QLD																							
Up to 132KV	=																						
132kv to 330kv	=																						
More than 330kv	=																						
NT																							
50v to 1kV	=																						
1kV to 33kV	=																						
33kV to 66kV	=																						
66kV to 132kV	=																						
<p>14. What ground conditions must be checked to ensure the safe operation and stability of the work platform?</p> <p><i>Provide six (6) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>15. If the ground was unstable under one outrigger, what action would you take?</p> <ul style="list-style-type: none"> a. Stop and lower boom b. Pack and stabilise the out rigger c. Relocate d. Report e. All of the above 	<input type="checkbox"/>	<input type="checkbox"/>																		

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Short Questions	S	NS	Short Questions	S	NS
<p>16. Why is it dangerous to set up an EWP next to a trench or recently backfilled ground?</p> <p>.....</p> <p>.....</p> <p>What distance can you set up any part of an EWP from an excavated trench?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>17. What do you need to establish before setting up an EWP on a concrete slab, and how can you find this out?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>18. For what reason would you inspect trench covers and steel grates?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>			

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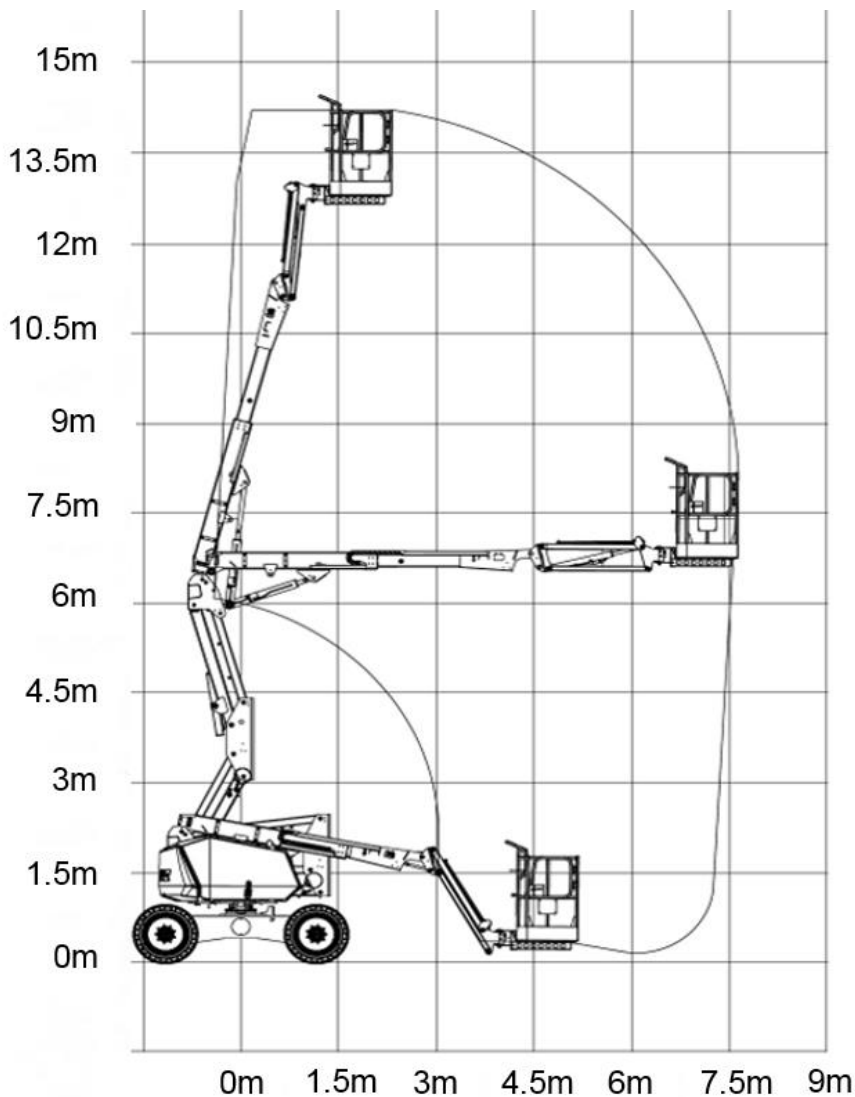
Short Questions	S	NS	Short Questions	S	NS
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19. Answer the following questions, you will need to consider the nominal reach and vertical distance of the platform for determining safe operating capability.

Nominal reach, measured horizontally from the centre point of slew ring to outer edge of the platform in its most extended position

The vertical distance from platform floor to surface supporting elevating work platform with a platform at its maximum height

A) Can you access a bridge pile 14.5m high where the EWP must be positioned 4m from the centre of the slew ring to the bridge pile?	Yes	No
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B) Can you access an external building wall 11m high where the EWP must be positioned 6.5m from the centre of the slew ring to the building external?	Yes	No
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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Short Questions	S	NS	Short Questions	S	NS
20. Answer the following four (4) questions using the data plate provided.				<input type="checkbox"/>	<input type="checkbox"/>

Question 1 - What is the total weight of persons that can be carried with 30kg of equipment on board =








Question 2 – What is the maximum height you can elevate the platform?

Question 3 - What is the maximum degree of slope angle you can position the platform on when planning to operate in a raised position?.....

Question 4 – The forecast is for light winds, you take a measurement during your site risk assessment and prior to set up and record a wind measurement of 11.4m/s,

Do you proceed to set up and work? Please provide a brief reason of why or why not

.....

MODEL	700IEWP			MAX		MAX
SERIAL NO.	007			2°		2°
MAX PLAT HEIGHT	25.5m	GRADE ABILITY	40%	G.V.W.	17141kg	THIS ELEVATIONG WORK PLATFORM MEETS OR EXCEEDS THE APPLICABLE REQUIREMENTS OF AUSTRALIAN STANDARD AS1418 PART 10 AS ORIGINALLY MANUFACTURED FOR THE INTENDED APPLICATIONS AND USE. OPTIONAL EQUIPMENT AS FITTED TO THIS MACHINE MEETS OR EXCEEDS THE APPLICABLE AUSTRALIAN STANDARD. COMPONENTS OF THIS MACHINE ARE MANUFACTURED FROM VARIOUS GRADES OF MILD AND HIGH STRENGTH STEELS. OPERATION, INSPECTIONS, MAINTENANCE, MODIFICATIONS OR REPAIRS SHALL BE CARRIED OUT IN ACCORDANCE WITH AS2550.10 AND THE MACHINE MANUALS.
	MAX. WIND SPEED	RATED MAX. LOAD (SWL)	MAX NUMBER PERSONS	MAX. EQUIP	MAX. MANUAL SIDE FORCE	
MAX	10.0m/s	210kg	2	50kg	350N	
			=  +			
	YEAR OF MANUFACTURE				01.07	
	DATE OF COMMISSION				03.08	
SUBSEQUENT ANNUAL INSPECTIONS OR MAJOR REPAIRS:						

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Short Questions	S	NS	Short Questions	S	NS
<p>21. What is the purpose of ensuring that all signs, labels and load charts are displayed correctly and clearly?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>22. Why is it necessary to calculate the weight of your accumulated tools, persons, materials and equipment before loading and operating an EWP?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>23. How can you locate the rated capacity of the work platform?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>24. Where would you locate the maximum wind velocity for your EWP?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>25. You need to waterproof an external building wall and have been provided with an EWP-rated capacity of 195kg.</p> <ul style="list-style-type: none"> • A waterproofing bucket weighs 20kg holding 15 litres • Your weight is 85kg • The additional waterproofing equipment needed to be carried weighs 10kg <p>How many waterproofing buckets can you carry on to on the platform at one time?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>26. What weight must be calculated to ensure the rated capacity of the EWP is not exceeded?</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>27. If you plan to use an EWP with a rated capacity of 200Kg and you weigh 85Kg, what is the maximum weight of tools and equipment you can safely take up with you?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>28. What hazards can affect operating the work platform in strong windy conditions?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>29. What are four (4) considerations made when planning the appropriate path of movement for the EWP and boom?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>30. Why is it important to check your path of movement before commencing work platform 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>31. Briefly describe a potential crush or entrapment point and provide one example of how you can eliminate this hazard?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>32. Define the following.</p> <p><i>A Hazard</i></p> <p>.....</p> <p>.....</p> <p><i>A Risk</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>33. List five (5) potential hazards you must consider in your work plan.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>34. When would risk control measures be applied?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>35. List the hazard and the relevant control for a person inside the operating radius of the EWP.</p> <p>Hazard</p> <p>.....</p> <p>.....</p> <p>Control</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>36. Number 1-6 the Hierarchy of Controls in the correct order of effectiveness, 1 being the 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"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>37. What is required before operating a work platform in low light or dark environment?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>38. Which personnel would you consult with about workplace hazards prior to commencing work?</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>39. What will consulting with personnel about workplace hazards help you to do?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>40. What are the dangers of raising or lowering your boom over people?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>41. How can you control risks associated with operating an EWP over a body of water?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>42. What controls would you apply with the traffic management plan, to keep pedestrians safe in the work area?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>43. When would you identify and check communication methods and equipment are suitable for the task?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>44. What communication types are normally used between the platform operator and ground personnel?</p> <p><i>Provide three (3) example</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>45. 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>46. Why would you check with local authorities before setting up a work platform in a busy street?</p> <p><i>Provide three (3) examples</i></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>47. 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>48. What is the purpose of checking risk control measures before applying them?</p> <p>a. To ensure they are not defective</p> <p>b. To ensure they are still the most appropriate</p> <p>c. To ensure they will comply with workplace procedures</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>49. When can an out of service, danger or safety tag be removed?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>50. What types of safety equipment will need to be checked according to manufacturer requirements?</p> <p>a. Safety harness</p> <p>b. An energy absorber</p> <p>c. Lanyard</p> <p>d. All anchor points</p> <p>e. Emergency retrieval systems</p> <p>f. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>51. List three (3) defects on a lanyard.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>52. Once you are in the basket, where must you attach your lanyard?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>53. What safety equipment must be used when operating a work platform at heights?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>54. When fitting your harness correctly, you should</p> <ol style="list-style-type: none"> 1. Put harness over your shoulders and adjust shoulder straps to remove slack 2. Insert legs and adjust straps allowing for your hand to only just slip between thigh and strap 3. Connect chest strap and adjust the strap to remove slack <p>a. True</p> <p>b. False</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>55. What procedures and protective equipment could be necessary when refueling or recharging an EWP?</p> <ol style="list-style-type: none"> a. Manufacturer’s guidelines b. Operator manual c. Checklist d. Workplace procedure e. Gloves and safety glasses f. All of the above 	<input type="checkbox"/>	<input type="checkbox"/>	<p>56. What is the safest method for entering the platform basket?</p> <ol style="list-style-type: none"> a. Use 3 points of contact at all times and access according to manufacturer requirements and safe work procedures b. Use one hand and one foot when accessing the work platform c. None of the above 	<input type="checkbox"/>	<input type="checkbox"/>
<p>57. List four (4) visual checks for defect or damage you would carry out on the platform or boom.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>58. What person is responsible for the EWP pre-start inspection, why is it important to make these checks?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 metres or more) and RIIHAN301E Operate elevating work platform– ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
<p>59. List eight (8) pre-start checks you should carry out on the EWP before start-up.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>60. What action is required, if abnormal noise is heard from the work platform?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>61. What procedures should be followed when starting up the EWP?</p> <p>a. The manufacturer’s start-up procedure</p> <p>b. SWMS</p> <p>c. SDS</p> <p>d. Site layout plan</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>62. What are four (4) considerations when setting up a work platform close to buildings?</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>63. What can you use to ensure an EWP is set up level?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>64. List two types of material used to distribute/stabilise the weight of an EWP with fitted outriggers.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>65. If the EWP does not have outriggers/stabilisers, chock both sides of one pair of its wheels by firmly placing suitable obstructions against each wheel.</p> <p>a. True</p> <p>b. False</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>66. List four (4) operational checks you would make after start-up and prior to starting any work</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>67. Why do you need to test the EWP to the full extent of operations prior to use?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>68. Why are ground controls fitted to the EWP?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>69. What checks should be made before raising the EWP platform?</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>70. How many sets of controls are commonly found on an EWP and where are they located?</p> <p>a. One. Ground and basket</p> <p>b. Two. Ground and basket</p> <p>c. Three. Ground and basket</p> <p>d. Four. Ground and basket</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>71. What is the function of the Dead man control?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>72. What operational checks should be done on platform controls?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>73. What action do you take if you find any defects or damage to the EWP during your inspections?</p> <p>a. Tag out</p> <p>b. Report</p> <p>c. Record</p> <p>d. Do not use</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>74. List three (3) reasons why you must check the EWP log book.</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						
75. Identify the meaning of the following terminology in the table.				<input type="checkbox"/>	<input type="checkbox"/>						
<table border="1"> <tr> <td>Explain what a wind load is.</td> <td></td> </tr> <tr> <td>Explain what a live load is.</td> <td></td> </tr> <tr> <td>Explain what a dead load is.</td> <td></td> </tr> </table>	Explain what a wind load is.		Explain what a live load is.		Explain what a dead load is.						
Explain what a wind load is.											
Explain what a live load is.											
Explain what a dead load is.											
76. What action do you take if wind speed exceeds the manufacturer's requirements while working? 	<input type="checkbox"/>	<input type="checkbox"/>	77. Why would you check hazard prevention control measures like lights and signs prior to set-up? a. To ensure signs have the correct communications and are legible b. To ensure lights are in a safe working condition c. To ensure controls are applied according to safe work procedures d. All the above	<input type="checkbox"/>	<input type="checkbox"/>						
78. When moving an EWP to a work area, what position should the basket and boom be in? 	<input type="checkbox"/>	<input type="checkbox"/>	79. What is the reason to constantly monitor the boom and platform movement? 	<input type="checkbox"/>	<input type="checkbox"/>						

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Short Questions	S	NS	Short Questions	S	NS
<p>80. After moving the platform into position, what checks should be made to ensure the platform position is correct prior to levelling and packing?</p> <p>a. Safe working radius</p> <p>b. Position of EWP to works being conducted</p> <p>c. Adequate clearances from obstructions or hazards</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>81. What angle would you place the second layer of the pigsty, dunnage, or packing to the first layer?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>82. What actions would you take, in the event the EWP is set up and one or more of the wheels or outriggers starts to sink?</p> <p>Number in the correct order 1-4 (1 is your first response)</p> <p><input type="checkbox"/> Relocate the EWP to safer ground</p> <p><input type="checkbox"/> Stop operations</p> <p><input type="checkbox"/> Return the EWP to the ground</p> <p><input type="checkbox"/> Rectify the sinking if possible. If not possible, relocate the EWP to an area where stability can be obtained</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>83. What is the purpose of securing or stowing all tools and equipment on the platform?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>


TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 metres or more) and RIIHAN301E Operate elevating work platform– ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
<p>84. What factors can cause the instability of an EWP?</p> <p>a. Poor load placement</p> <p>b. Overloading</p> <p>c. Irregular loads</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>85. What precautions should be taken when driving the EWP to the work area or around a work site?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>86. At what speed should you move an EWP with the platform in an elevated position?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>87. What should be referred to before moving an EWP across a slope or a hill?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>88. Can an EWP be used as a crane for lifting anything outside of the basket?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>89. Can slings or attachments be attached to the hand or guard rail of an EWP?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS		
<p>90. What would you do if you experience a failure of controls when working at maximum height?</p> <p>a. Finish the work task and tell your supervisor at the end of the shift</p> <p>b. Call to the ground support use the emergency lowering device and tag out and report</p> <p>c. Climb from the EWP onto the closest nearby structure</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>					
<p>91. What action would you take if your EWP comes into contact with overhead powerlines?</p> <p>Complete the STIIRR acronym</p> <p>S -</p> <p>T -</p> <p>I -</p> <p>I -</p> <p>.....</p> <p>R -</p> <p>R -</p>						<input type="checkbox"/>	<input type="checkbox"/>

TLILIC0005 Licence to operate a boom-type elevating work platform (boom length 11 metres or more) and RIIHAN301E Operate elevating work platform– ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
<p>92. List four (4) things you would do in the event you feel the platform drop or move a little when you are working at heights.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>93. What systems can be used to lower the platform from height in the event of a failure?</p> <p><i>Provide three (3) types of fail-safe devices</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>94. What actions would you take in the event a pedestrian accesses an exclusion zone during operations?</p> <p><i>Provide four (4) actions</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>95. What would you do in the event you fail to understand a radio communication or hand signal from the ground?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>96. Identify the meaning of the hand signal below.</p>  <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>97. Can you enter or exit the platform to a fixed structure while in an elevated position?</p> <p>a. No, an EWP is specifically designed to lift people to a position where they can work from the basket</p> <p>b. No, an EWP is not designed to transfer people from one level to another or to exit a platform at a height</p> <p>c. Yes, only where an exception is granted by an employer and where a thorough risk assessment has taken place. It must be demonstrated as the safest way of accessing a particular location, it may be part of a formal emergency rescue plan</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>98. How would you park up the EWP before leaving the work area for 40 min?</p> <ul style="list-style-type: none"> a. Park in a safe position or approved work area b. Lower the platform fully & engage motion locks and brakes c. Switch off and isolate d. Follow manufacturer requirements e. All the above 	<input type="checkbox"/>	<input type="checkbox"/>	<p>99. What post-operational checks would you carry out as part of shut-down at the end of a shift?</p> <p><i>Provide seven (7) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>100. How do you correctly retract, lower, stow and secure the EWP boom?</p> <ul style="list-style-type: none"> a. According to manufacturer requirements and safe work procedures b. By referring to safety data sheets c. By referring to the environmental management plan d. None of the above 	<input type="checkbox"/>	<input type="checkbox"/>	<p>101. When is it safe to remove your safety harness?</p> <ul style="list-style-type: none"> a. When you are not able to reach the work area from the basket b. After you have commenced lowering the platform c. Only once the basket has been fully lowered and you are ready to exit the basket d. None of the above 	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>102. At what time would motion locks and brakes be applied?</p> <p>a. When your speed is higher than the site speed limit allows</p> <p>b. Shut down of EWP</p> <p>c. To slow down before a corner</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>103. What should be done with plates and packing once you have finished using the EWP?</p> <p>a. They should be placed on the carrier or in a designated storage area for future access.</p> <p>b. Make sure they are clean</p> <p>c. Disposed of according to site requirements</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>104. How can you lock retracted outriggers in place?</p> <p>a. Using the correct locking pins</p> <p>b. Using appropriate sized padlocks</p> <p>c. Keys provided by the manufacturer</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>105. What procedures and or requirements would you follow to shut down a work platform?</p> <p>a. Site procedures</p> <p>b. Manufacturer requirements</p> <p>c. Safe work procedures</p> <p>d. Relevant shutdown checks, logbook, recording and reporting</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

RIIHAN301E Operate elevating work platform – ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
<p>106. How can you obtain any site documentation required for work tasks?</p> <ul style="list-style-type: none"> a. Supervisor b. Pre-start meeting c. Site office d. Spotter e. None of the above 	<input type="checkbox"/>	<input type="checkbox"/>	<p>107. What documents are used to comply with site policies and procedures?</p> <ul style="list-style-type: none"> a. Safe Work Method Statement b. Safety data sheets c. Pre-start inspections d. Fault or incident reports e. All of the above 	<input type="checkbox"/>	<input type="checkbox"/>
<p>108. What is required before you can operate a boom-type elevating work platform with a boom length of 11 metres or more?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>			

RIIHAN301E Operate elevating work platform – ACTIVITY BOOK

Short Questions

S

NS

Short Questions

S

NS

109. Identify the different types of elevated work platforms, their characteristics including capability and limitation



Type	
Basic characteristics including capability and limitation	



Type	
Basic characteristics including capability and limitation	



Type	
Basic characteristics including capability and limitation	



Type	
Basic characteristics including capability and limitation	

RIIHAN301E Operate elevating work platform – ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
<p>110. How can you obtain or confirm your daily work instructions?</p> <p>a. Supervisor</p> <p>b. Pre-start meeting</p> <p>c. Health safety representative</p> <p>d. Spotter</p> <p>e. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>111. List three (3) information sources that can help clarify work instructions.</p> <ul style="list-style-type: none"> • Toolbox meetings • Pre-start meeting • Supervisor • SWMS • Plans 	<input type="checkbox"/>	<input type="checkbox"/>
<p>112. How can you confirm hazards, environmental issues or risks before working?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>113. List three (3) potential hazards and (2) environmental issues that could affect operations.</p> <p><i>Potential hazards</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p><i>Environmental issues</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

RIIHAN301E Operate elevating work platform – ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
<p>114. How can you determine requirements or procedures for the use of personal protective equipment?</p> <p>a. Site induction b. Site signage c. Safety data sheets d. Manufacturer specification e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>115. How can you ensure you have a good understanding of emergency procedures for the equipment and site you are operating on?</p> <p>a. Attend site induction b. Learn site processes and procedures for emergency situations c. Identify emergency shutdown procedures relative to the machine or equipment you are operating d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>116. How can you remain prepared for fires, accidents and emergencies?</p> <p>a. Check or test fire suppression device b. Keep first aid training up to date c. Identify the locations of first aid and maintain contents d. Identify the locations of emergency assembly areas e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>117. How can you coordinate and communicate planned work activities onsite before commencing work tasks?</p> <p>a. Twitter b. Facebook c. Toolbox / Pre-start meeting d. Supervisor instructions e. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>118. When should pre-start inspections be conducted?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>119. How would you ensure the controls on the EWP were working correctly?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

RIIHAN301E Operate elevating work platform – ACTIVITY BOOK

Short Questions	S	NS	Short Questions	S	NS
<p>120. What type of site-specific requirements could need to be applied before relocating the EWP to a work site?</p> <p>a. Traffic control or traffic management</p> <p>b. Isolation requirements for traffic & pedestrians (Signage and barricades)</p> <p>c. Equipment washdown</p> <p>d. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>121. If the EWP does not stop when the controller is brought to neutral, what should you do?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>122. How would you dispose of, reuse or recycle materials?</p> <p>a. According to site requirements</p> <p>b. According to local council regulations</p> <p>c. In the quickest and cheapest way possible</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>123. How would you dispose of hazardous materials?</p> <p>a. According to Safety data sheets</p> <p>b. According to product labels</p> <p>c. According to state government, local council and EPA regulations</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>124. What is the purpose of cleaning and maintaining tools, mobile plant or equipment?</p> <p>a. Longer service life</p> <p>b. To ensure equipment is safe for the next operator</p> <p>c. Easier to identify and report faults</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>125. What do you do with pre-starts at the end of your shift?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>