PLANT HAZARD AND RISK ASSESSMENT WORKSHEET FOR BOOM LIFT REV 3

Assessment Number: swms-02 **Assessment Date: 04-01-20**

Plant Type:
Plant Make
Asset number –
Plant serial number –

Assessment Facilitated by: Operator Name: _____

Assessment Participants:

Plant Owner Name: Botany Access

Risk Matrix

Consequences	Likelihood or Probability				
PEOPLE	**Almost Certain** (expected)	**Likely** (will probably occur)	**Moderate** (might occur – has happened)	**Unlikely** (could occur – known to happen)	**Rare** (practically impossible)
No Incident or First Aid Injury	**High** 15	**Medium** 19	**Low** 22	**Low** 24	**Low** 25
Medical Treatment	**High** 10	**High** 14	**Medium** 18	**Low** 21	**Low** 23
Alternate Work or Lost Time Injury	**Extreme** 6	**High** 9	**High** 13	**Medium** 17	**Medium** 20
Serious or Permanent Injury	**Extreme** 3	**Extreme** 5	**Extreme** 8	**High** 12	**High** 16
Fatality	Extreme 1	**Extreme** 2	**Extreme** 4	**Extreme** 7	**High** 11

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Any hazard assessed as presenting a low and/or medium risk level will be controlled using a combination of controls as appropriate.

Any hazard assessed as presenting a high risk level must be controlled using a combination of at least one engineering contro l and lower level controls as appropriate. Where this is not possible, Workplace Manager Consultation must take place.

Any hazard assessed as presenting an extreme risk level will be controlled using elimination and engineering as the primary s ource of controls. Where this is not possible, Workplace Manager Consultation must take place.

Operator to complete the below checks 1 through 5 prior to start of operation including "Potential Hazards" items 24. & 29.

1. Is the plant designed to perform the task? Yes ☒ No ☐

2. Has the plant been modified from the original condition? Yes ☐ No ☒

3. Is the plant in good working condition and free of weeds & mud? Yes ☒ No ☐

4. All identified action items closed out/addressed (plant checks)? Yes ☒ No ☐

5. Is the plant safe to operate? (On completion of PHA) Yes ☒ No ☐

DAVID WRIGHT NATIONAL SERVICE MANAGER

Date: 04-01-20

Signature: 

Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							

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Potential Hazards	Hazard Y	Hazard N	Hazard N/A	Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
1. Are there any specific warnings or conditions (manufactures or other) relating to potential hazards from the operation of the item of plant? ▪ Refer to technical or operating manuals, SOPs, safe use instructions ▪ List any relevant safety warning hazards & controls	Y			• Overloading or equipment	• Appropriate warning decals attached indicating SWL of equipment and weight of equipment.	**EXTREME**		**LOW**		
				• Overloading of structures	• Approval required by engineer to operate equipment on suspended structures.	**EXTREME**		**LOW**		
				• Tip over hazard	• Wind rating decals are present and legible • Harnesses to be attached to approved anchor point only.	**MEDIUM**		**LOW**		
				• incorrect harness anchor point		**MEDIUM**		**LOW**		

Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							

2. Are there any <u>COMMUNICATION</u> requirements in relation to the safe operation of the plant?	Y			A Risk Assessment or JSA should be undertaken to identify site-specific risks associated with operation of the BOOM LIFT to distinguish if communication is a risk. A noisy work environment would be consideration for alternate modes of communication.	• Motion alarm • Flashing beacons	**EXTREME** **MEDIUM**	▪ Active signalling processes. ▪ Point to point communications. ▪ Labels and signage ▪ Traffic management	**LOW** **LOW**		

Potential Hazards	**Hazard**	**Describe Hazard**			**New or Additional**	**Final**	**New or**	**Action**

	Y	N	N/A		Controls Currently In Place on Plant	Current Risk Level	Controls Required on Plant	Risk Level	Additional Controls Action By: (Name and Date)	Verified as Complete: (Name and Date)
3. Can anyone be <u>ENTANGLED</u> in the plant? ▪ Hair or other body parts caught in moving parts ▪ PPE caught in moving parts ▪ Rotating parts	Y			• Entanglement of body parts, hair, tools, jewellery or clothing. • Loose fitting PPE caught in moving components during BOOM LIFToperation.	• All guards to be maintained in engine bay at all times. • Only authorised personnel are to access engine compartment • Warning decals to be fitted and clearly legible at all times. • Isolation devices are fitted and used during servicing or plant breakdown periods.	**MEDIUM** **MEDIUM** **MEDIUM** **MEDIUM**	▪ External or multiple Emergency stops should be fitted in high risk / confined work areas.	**LOW** **LOW** **LOW** **LOW**		

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	Y	N	N/A							

4. Can anyone be CRUSHED or TRAPPED? *(e.g. through unexpected movement, lack of capability for plant or equipment to be slowed, stopped or immobilised, plant tipping or rolling, being thrown from plant)* ▪ Emergency stop (E Stop) ▪ Service or parking brake ▪ Battery isolator ▪ ROPs/FOPs ▪ Being crushed between moving parts ▪ Unexpected movement ▪ Neutral Start ▪ Reversing/travel alarm ▪ Warning horn ▪ Amber flashing beacon ▪ Appropriate controls ▪ Door inter locks ▪ Crush zone decals ▪ Guarding devices	Y			• Persons can be crushed by lowering of boom of BOOM LIFT • .Uncontrolled movement of the BOOM LIFT crushing or trapping person/s	• All works to be performed from within the BOOM LIFT and operator to be familiar with overhead and adjacent structures. • Use correct traffic management including barricading of work area and zones to ensure restricted access to workers or pedestrians. • Rescue procedures of operators to be identified in specific Safe Work Methods Statements in the event that the BOOM LIFT suffers mechanical or electrical failure.	**EXTREME** **EXTREME** **HIGH**		**LOW** **LOW** **LOW**			

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5. Can anyone be CUT, STABBED or PUNCTURED? ▪ Flying objects ▪ Moving parts ▪ Pinch points ▪ Sharp edges	Y			• Coming into contact with sharp or flying objects. • Coming into contact with moving parts of the plant during testing, inspection, maintenance or repair.	• Machine is to be free of loose tooling, equipment or debris at all times. • All guards must be in place at ALL times during operation of plant. • Engine covers and access doors should be kept locked to restrict access. • Warning decals should be in place and legible at all times.	**MEDIUM** **MEDIUM** **MEDIUM** **MEDIUM**		**LOW** **LOW** **LOW** **LOW**		

Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							

6. Can SHEARING occur? ▪ Between two moving and rotating parts ▪ Between fixed and moving parts	Y			Shearing hazard on or around the slew ring when in operation.	• No person to be under machine chassis during operation. • Barricading of work area and traffic management should be considered prior to operation of BOOM LIFT • Plant to be isolated and "tagged out of service" prior to any repairs or maintenance occurring. • Warning decals should be in place and legible at all times.	**HIGH** **MEDIUM** **MEDIUM** **MEDIUM**		**LOW** **LOW** **LOW** **LOW**		

Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							

7. Can ABRASION, TEARING or STRETCHING occur? ▪ Continuous contact with moving parts ▪ Warning decals ▪ Guarding ▪ Pulling/pushing		N								
8. Can anyone be STRUCK whilst operating the plant? ▪ Plant disintegrating ▪ Mobility of plant travelling ▪ Work pieces thrown out ▪ Moving parts	Y			Person/s being struck by moving plant.	• Amber flashing beacon light and motion alarm fitted and to be checked as per daily checks. • Barricading is required around equipment when in operation.	**MEDIUM** **LOW**	• Reversing/travel alarm • Amber flashing beacon • Traffic management incorporated into work area SWMS.	**LOW** **LOW**		

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Potential Hazards	Hazard Y	Hazard N	Hazard N/A	Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
9. Can a hazardous PRESSURE be produced? ▪ Hydraulic hoses ▪ Radiator ▪ Come into contact with fluids under high pressure	Y			• Hydraulic Tank • Hydraulic Cylinders • Hydraulic Hoses • Hydraulic pumps or motors	• Warning decals should be in place and legible at all times. • Guards and shielding are in place at all times and not modified. • Pre start operational checks are carried out and any abnormalities noted in the "yellow book" and supplier notified. • SWMS to be adhered to whilst repairs / maintenance is being carried out.	**MEDIUM** **MEDIUM** **EXTREME** **EXTREME**		**LOW** **LOW** **LOW** **LOW**		

Potential Hazards	Hazard Y	Hazard N	Hazard N/A	Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
10. Can an ELECTRICAL hazard be created? ▪ Lack of insulation ▪ Contact with electrical conductors ▪ Poor earthing ▪ Water near equipment	Y			Contact with overhead power lines.	• RCD fitted to all relevant plant and tested 12 monthly or as site requires by a licenced electrician. • Warning decals fitted in appropriate areas. • Operator to check for overhead electrical cables and adhere to and establish exclusion zones as per the Australian Standards.	**MEDIUM** **MEDIUM** **MEDIUM**		**LOW** **LOW** **LOW**		

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Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							
11. Can an EXPLOSION or LOSS OF CONTENTS occur? ▪ Gas emission, ▪ Dusts ▪ Vapours, lubricants ▪ Be competent in the work tasks assigned. ▪ Ejection of work piece ▪ Collapse or fragmentation	Y			• Dangerous gasses created by lead acid batteries during operation or charging cycle • Incorrect storage of flammable materials	• Lockable engine and access covers to prevent unauthorised access to componentry • Authorised personnel should always carry out inspections in a well-ventilated area • Always keep flammable materials in an authorised container in the correct cabinet and in a signposted area	**EXTREME** **EXTREME** **HIGH**	☐ A SWMS/JSA and/or a Risk Assessment should be produced prior to carrying out repairs, servicing or maintenance on the plant.	**LOW** **LOW** **LOW**		

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Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							
12. Can anyone using or near the plant SLIP, TRIP or FALL? ▪ Uneven surface ▪ Fall from a height ▪ Weather conditions ▪ Slippery surfaces	Y			• Uneven or slippery work surfaces • Lack of correct hand rails or steps • Work environment muddy / wet	. • Correct PPE such as rubber soled work boots with adequate grip to be worn whilst operating plant. • Maintain 3 points of contact with the plant whilst entering, operating and exiting at all times.	**EXTREME** **HIGH**		**LOW** **LOW**		

Potential Hazards	Hazard	Describe Hazard			New or Additional	Final	New or	Action

	Y	N	N/A		Controls Currently In Place on Plant	Current Risk Level	Controls Required on Plant	Risk Level	Additional Controls Action By: (Name and Date)	Verified as Complete: (Name and Date)
13. Are there ERGONOMIC - MANUAL HANDLING hazards associated with the plant? ▪ Poor posture ▪ Repetitive or sustained movements ▪ Awkward positions ▪ Strained movements ▪ Poorly designed seating ▪ Access and egress ▪ Access for maintenance ▪ Routine inspections and adjustments		N								

Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							

14. Are there ERGONOMIC - OPERATING CONTROL hazards associated with the plant? ▪ Difficult to understand ▪ Inappropriate colouring ▪ Function not identified ▪ Inappropriate controls & switches ▪ Access and egress ▪ Labelling of controls and indicators ▪ Variation in operators ▪ Operation by two or more persons		N								

Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							

15. Are there specific requirements for ISOLATION of energy sources? ▪ Hydraulic pressure ▪ Compressed gases ▪ Electrical feeds/capacitors ▪ Motive power systems ▪ Suspended loads ▪ Operation by two or more persons	Y			• Hydraulic Cylinders • Hydraulic Hoses • Hydraulic pumps or motors	• Warning decals fitted in appropriate areas. • RCD's to be fiited and maintained tagged prior to plant operation • Guarding to be in place and un modified at all times	**EXTREME** **EXTREME** **EXTREME**	• A SWMS/JSA and/or a Risk Assessment should be produced prior to carrying out repairs, servicing or maintenance on the plant. • Site requirements should be taken into consideration and adhered to prior to commencing works.	**LOW** **LOW** **LOW**		

Potential Hazards	**Hazard**			**Describe Hazard**	**Controls Currently In Place on Plant**	**Current Risk Level**	**New or Additional Controls Required on Plant**	**Final Risk Level**	**New or Additional Controls Action By:** (Name and Date)	**Action Verified as Complete:** (Name and Date)
	Y	**N**	**N/A**							

16. Can unplanned LOSS of POWER create a hazard? ▪ Engine shutdown ▪ Loss of electrical supply ▪ Ability to lower suspended loads	Y			. • Loss of steering systems • Ability to apply brakes and stop	• Emergency lowering function to be checked daily prior to use as per Operators Instruction Manual. • Brakes automatically engage when power is lost from engine. (Hydraulic fail safe)	**HIGH** **HIGH**		**LOW** **LOW**		

Potential Hazards	**Hazard**			**Describe Hazard**	**Controls Currently In Place on Plant**	**Current Risk Level**	**New or Additional Controls Required on Plant**	**Final Risk Level**	**New or Additional Controls Action By:** (Name and Date)	**Action Verified as Complete:** (Name and Date)
	Y	**N**	**N/A**							

17. Can anyone be SUFFOCATED? ▪ Lack of oxygen ▪ Contaminated atmosphere ▪ Confined spaces ▪ Spaces where air flow is inadequate	Y			Use of BOOM LIFT in confined space	• Warning decals fitted in appropriate areas. • Do not operate plant in confined spaces	**EXTREME** **MEDIUM**	• Auxiliary air monitoring devices may be required • Seek specialist advice on specific site conditions prior to operating plant. • A SWMS/JSA and/or a Risk Assessment should be produced prior to operating plant in a confined atmosphere. • Consider ventilation systems or extraction systems during use in a confined space	**LOW** **LOW** **LOW** **LOW**			

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	Y	N	N/A							
18. Does operation of the plant cause extreme TEMPERATURE changes? ▪ Fire ▪ Burns through conduction ▪ Convection ▪ Cryogenic burns ▪ Operation in extreme heat or cold		N								
19. Can a FIRE occur? ▪ Friction ▪ Ingress of materials/fluids ▪ Build-up of materials/lubicants ▪ Be competent in the work tasks assigned. ▪ Fire extinguisher		N								

Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							

20. Can certain WEATHER conditions create a hazard? ▪ Hypothermia / extreme cold ▪ Heat stroke / extreme hot ▪ Wet conditions ▪ Electrical storms ▪ Dirt & mud on roads at egress points	Y			• Wind speed increases. • Work area of BOOM LIFT is wet / muddy hard to navigate • Electrical storm whilst using the BOOM LIFT	• Wind rating decals fitted at entry point to machine. • Machine not to be used during a storm or extreme weather conditions.	**MEDIUM** **MEDIUM**	Contractor/operator to utilise websites etc to check current or pending wind speeds and local area weather conditions.	**LOW** **LOW**		

Potential Hazards	Hazard	Describe Hazard			New or Additional	Final	New or	Action

	Y	N	N/A		Controls Currently In Place on Plant	Current Risk Level	Controls Required on Plant	Risk Level	Additional Controls Action By: (Name and Date)	Verified as Complete: (Name and Date)
21. Does VIBRATION of the plant create a hazard? ▪ Plant becomes unstable ▪ Causes physical problems for the operator whilst operating ▪ Vibration of equipment ▪ Operation could cause unacceptable vibration levels in nearby structures		N								

22. Can the plant emit toxic FUMES or VAPOURS? ▪ Exhaust fumes ▪ Chemicals ▪ Hazsub's/DGs	Y			Battery fumes	• BOOM LIFT are not to be used indoors or confined spaces with poor ventilation. • Warning decals fitted in appropriate areas.	**MEDIUM** **LOW**	Auxiliary air monitoring devices may be required as per a relevant SWMS / JSA or Risk Assessment.	**LOW** **LOW**		

Potential Hazards	**Hazard**			**Describe Hazard**	**Controls Currently In Place on Plant**	**Current Risk Level**	**New or Additional Controls Required on Plant**	**Final Risk Level**	**New or Additional Controls Action By:** (Name and Date)	**Action Verified as Complete:** (Name and Date)
	Y	**N**	**N/A**							

23. Is the plant noisy? ▪ Emit >85 dBA at the operator ▪ Effects operator communication ▪ Noise impacts on community during out-ofhours work (including reversing beepers)		N								
24. Is there possibility for poor visibility ▪ At the controls ▪ At the task ▪ Darkens surrounding areas ▪ Light impacts on community or sensitive natural environment during out-of-hours work				• Operator to complete light survey on page 23 prior to start of each shift. • SWMS or JSA should be completed prior to operation of theBOOM LIFT if light is deemed to be a safety factor.						

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	Y	N	N/A							
25. Does the plant emit RADIATION? ▪ Eg X-rays ▪ EMR ▪ Laser		N								

Potential Hazards	Hazard	Describe Hazard			New or Additional	Final	New or	Action

	Y	N	N/A		Controls Currently In Place on Plant	Current Risk Level	Controls Required on Plant	Risk Level	Additional Controls Action By: (Name and Date)	Verified as Complete: (Name and Date)
26. Can operation of the plant create DUST? ▪ Explosive atmosphere ▪ Breathing hazard ▪ Reduced visibility ▪ Nuisance dust at nearby community		N								

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	Y	N	N/A							
27. Can the plant become UNSTABLE during operation? ▪ Working on uneven / unstable ground ▪ Shifting load ▪ Lack of plant support ▪ Outriggers	Y			• Working on unstable or uneven surfaces. • Overloading of BOOMLIFT. • Damaged tyres could create instability. • Not identifying site hazards prior to commencing operation	• Plant only to be operated on firm stable surfaces. • SWL of BOOMLIFT not to be exceeded. • Operator to check tyres daily as part of prestart checklist. • When traversing, operator to inspect the path of travel prior to check for obstructions etc.	**MEDIUM** **MEDIUM** **MEDIUM** **MEDIUM**		**LOW** **LOW** **LOW** **LOW**		

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	Y	N	N/A							
28. Could LOSS of LOAD occur? ▪ Failure of ropes/slings ▪ Overloading ▪ Entanglement in surrounding structures ▪ Maintenance requirements	y			Uneven load Incorrectly loaded Not secured	Operator ticketed	Medium MEDIUM MEDIUM	Overload warning system Spotter if required	Low LOW LOW		

Potential Hazards	Hazard	Describe Hazard			New or Additional	Final	New or	Action

	Y	N	N/A		Controls Currently In Place on Plant	Current Risk Level	Controls Required on Plant	Risk Level	Additional Controls Action By: (Name and Date)	Verified as Complete: (Name and Date)
29. Is there anything in the SURROUNDING ENVIRONMENT that may produce a hazard? ▪ Power lines ▪ Low ceiling ▪ Other plant ▪ Storage areas ▪ Co-located equipment ▪ Isolation requirements ▪ Potential for flash flooding if operating adjacent to waterways ▪ Operating in known areas of weeds, pathogens or contamination ▪ Operating in sensitive environments requiring protection from offsite weeds/pathogens or spills				To be completed by Contractor on-site by means of a SWMS / JSA and or a Risk Assessment.	To be completed by Contractor on-site by means of a SWMS / JSA and or a Risk Assessment.					

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	Y	N	N/A							
30. Can CHEMICALS create a hazard? ▪ Leaking from plant ▪ Splashing ▪ Explosion ▪ PPE considerations ▪ Spill kit considerations	Y			Filling from a non approved or inappropriate container	Lockable engine and access covers to prevent unauthorised access to componentry	**MEDIUM**	• Consideration of things such as location of fuelling of plant, availability of spill stations, not fuelling from jerry cans, fuelling in a well-ventilated area etc should be noted. • Provision for spill kit	**LOW** **LOW**		

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	Y	N	N/A							

31. Operator TRAINING / QUALIFICATIONS? ▪ Training requirements ▪ Qualification requirements ▪ Competency assessments ▪ Documentation ▪ Operators manual ▪ Equipment experience ▪ Product knowledge	Y			• No log of operator's time operating plant. • Operator is not sure of functions. • Operator is not competent in machine operation. • Operator not having the correct licensing to operate the equipment • Insufficient instructions for the operator, service & maintenance personnel	• All rental fleet have appropriate BOOM LIFTBOOMLIFT logbooks supplied in attached pouches. • All rental fleet have supplied operator's manuals. • All operators must obtain the relevant BOOM LIFTBOOMLIFT ticket to legally operate equipment. • Operator to complete the daily logbook prestart inspection. • Verification Of Competency (VOC) must be completed as per site instructions.	**LOW** **LOW** **HIGH** **HIGH**		LOW LOW LOW LOW			

						HIGH		LOW			
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Potential Hazards	Hazard			Describe Hazard	Controls Currently In Place on Plant	Current Risk Level	New or Additional Controls Required on Plant	Final Risk Level	New or Additional Controls Action By: (Name and Date)	Action Verified as Complete: (Name and Date)
	Y	N	N/A							

32. Are there ANY OTHER potential hazards generated by or during the use of this item of plant and/or any attachments?	y			Wilfully or recklessly interfere with or misuse anything provided in the health, safety or welfare in pursuance of any requirement in the WHS Act 2011 & Regulation 2017.	Be competent in the work tasks assigned.	**EXTREME**	• Treat the plant with due care. Report all defects and problems no matter how insignificant. Follow the Safety, Operating & Maintenance manuals. • Be correctly trained in the safe use of the plant. • Be competent in the work tasks assigned.	**LOW**		
Storage				Unauthorised use of plant	E stops, isolators.	**LOW**	Keys removed and doors locked	**LOW**		
Plant decommissioned	y			Legislative non compliance on disposal	When plant is off hired, to be stored in locked secured location	**LOW**		**LOW**		
Transportation	y			Inexperienced driver, unqualified operator transporting plant	Sale of plant would include complete maintenance history, service records and manuals	**LOW**	Plant to be left in collectable location without obstructions, loading and unloading area			

					Drivers license and operators comp checked and confirmed as current	LOW	made available for heavy transport	LOW		

PLANT HAZARD AND RISK ASSESSMENT WORKSHEET FOR BOOM LIFT REV 3

ALL OPERATORS OF THE PLANT OR EQUIPMENT MUST BE BRIEFED ON THE PLANT HAZARD ASSESSMENT (PHA) PRIOR TO FIRST TIME USE.
ANY RELEVANT CONDITIONS WHICH MAY IMPACT ON THE OPERATION OF THIS ITEM OF PLANT OR EQUIPMENT MUST BE REPORTED TO BOTANY ACCESS.

Strike out if not applicable

NOISE REPORT	
Equipment Type:	Serial/Asset No.
Make:	Model:
Test by *(print)*:	Date:
Signature:	
Sound Level Meter Unit Used:	
Manufactures specified noise level:	dBA
Background level:	dBA

Results – Operator's Station

dBA High Idle	dBA Low Idle

(Equipment Operating)

Comments:

Strike out if not applicable

LIGHTING REPORT	
Test by *(print)*:	Date:
Signature:	
Lux Meter used:	

Results – Operator's station

At controls	Lux
At emergency control	Lux
In front/over task	Lux
Left side task	Lux
Right side task	Lux

Comments:

Results – Bystander Position:

Front	dBA
Rear	dBA
Left	dBA
Right	dBA

At 7 metres from side of equipment – Equipment Operating (High Idle)

Comments:

Results – Surroundings:

Clearly seen by others?	☐ Yes	☐ No
Decrease lighting in walkways?	☐ Yes	☐ No
Decrease lighting to other workstations?	☐ Yes	☐ No

Comments:

COMMENTS:

