

1. PCBU & PROJECT DETAILS

PCBU (Plant Owner / Hire Company)	PRINCIPAL CONTRACTOR (to be completed on issue)
All Access Hire Pty Ltd	Company:
ABN: 51 604 978 556	Site Address / Work Location:
Address: 6 Blue Rock Drive, Luscombe QLD	Works Manager:
Phone: 1800 255 222 0407 710 717	Phone:
Responsible Person: Paul Cannan — Manager / Director	Date Assessment Provided:

2. PLANT & EQUIPMENT DETAILS

Make:		Model:	
Unit Number:		Serial Number:	
Date of Commission:			
Machine Type:	Boom Type MEWP (EWP)		

3. ASSESSMENT DETAILS

Reviewed By:	Paul Cannan	Last Review Date:	03/06/2026
Position:	Director	Document Reference:	AAH-RA-BL-001 Revision K

IMPORTANT NOTICE

This risk assessment must be used in conjunction with the operator's manual for the equipment being used. Its purpose is to identify risks associated with this item of plant and the control measures in place. No professional judgement has been made by All Access Hire on the effectiveness of these control measures at the operator's specific work site. Operator daily safety checks as outlined in the EWP Safety Check & Routine Maintenance Logbook must be completed before each shift. This document should be read in conjunction with any site-specific SWMS or JSA.

4. APPLICABLE LEGISLATION & STANDARDS

WHS Legislation	
Work Health & Safety Act 2011 (Qld)	Work Health & Safety Regulation 2011 (Qld)
WHSQ COP: Managing the Risk of Plant in the Workplace 2021	WHSQ COP: Managing the Work Environment & Facilities 2021
Applicable Standards	
AS 2550.10:2025 — Safe use of MEWPs (current edition)	AS/NZS 1418.10:2025 — Design & manufacture of MEWPs
AS/NZS 1891.1:2020 — Personal equipment for work at height	AS/NZS 4024.1801 / 1803 / 1601 — Safety of machinery
Confined Space Code of Practice (December 2021)	COP: Work Near Overhead Power Lines 2006

5. PLANT ACTIVITY TEST

Activity	Performed By	Areas Accessed	Frequency	Isolation Required	SWMS / Document Ref	Comments
A. Delivery & set-up on site	Transport Driver	All	As required	Yes — if left unattended	AAH Transport SWMS	
B. Operation (inc. inspection & pre-start checks)	Operator	All	Daily	No	EWP Safety Check & Logbook	Prior to each shift

Activity	Performed By	Areas Accessed	Frequency	Isolation Required	SWMS / Document Ref	Comments
C. Service, maintenance & repairs (inc. cleaning)	Qualified Service Technician	All	3-monthly or as required	Yes	AAH SWMS: Repair & Maintenance of EWP	
D. Decommissioning / removal from site	Transport Driver / Operator	All	As required	Yes — if left unattended	AAH Transport SWMS	

Frequency codes: D = Daily W = Weekly M = Monthly AR = As Required S = Start-up / commissioning only

6. RISK LEVEL CALCULATOR

LIKELIHOOD ↓	← CONSEQUENCE →				
	Catastrophic (C)	High (H)	Moderate (M)	Low (L)	Insignificant (I)
Almost Certain	E	E	E	E	H
Likely	E	E	E	H	M
Possible	E	H	M	M	L
Unlikely	H	H	M	M	L
Rare	H	M	L	L	L

E — EXTREME	H — HIGH	E = Urgent action required H = Highest management decision required M = Follow management instructions L = Monitor — may not require immediate attention
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7. HIERARCHY OF RISK CONTROLS

Level	Control	Description
1 (Best)	Elimination	Remove the hazard entirely. Always consider this first.
2	Substitution	Replace the hazard with something presenting a lesser risk.
3	Isolation	Separate the hazard from persons who may be exposed (e.g. barriers, guarding).
4	Engineering Controls	Reduce the risk through physical means (e.g. guards, speed controls, interlocks).
5	Administrative Controls	Develop procedures to minimise exposure (e.g. safe work procedures, signage, training).
6 (Least Effective)	Personal Protective Equipment	Limit harmful effects through PPE as a last resort – never as the sole control.

8. RISK ASSESSMENT — SECTION 1: Crushing, Entanglement, Shearing & Impact

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
1.1	Nip points / pinch points (incl. boom/jib articulation joints)	Y	Boom/jib articulation points; turntable slew ring; entry gate; inspection doors at machine base	O, M	M	Guarding; gate return springs; gas struts; safety decals.	Operators Manual. Keep hands and limbs clear of scissor stack at all times. Maintain safe clearances per AS4024:1801/1803.	L	Y
1.2	In-running rollers / gear sets	N	-	-	-	-	-	-	-
1.3	Crushing due to parts of plant closing or collapsing	Y	Scissor stack; inspection doors at machine base	O, M	M	Guarding; gas struts; safety decals.	Keep hands and limbs free from scissor stack area at all times. Operators Manual.	L	Y
1.4	Trapping between plant and materials or fixed structures	Y	All parts of plant and surrounding structures/materials during use	C, D, O, M, R	E	Barricading; truck winch for loading/unloading; use of spotters; traffic control.	SWMS/JSA to be completed identifying job task prior to commencement. Never operate outside MEWP guardrails (stowed or raised). Maintain clear demarcated exclusion zones. Do NOT lower platform unless area below is clear. Be	L	Y

PLANT HAZARD & RISK ASSESSMENT

BOOM TYPE MEWP (EWP) | All Access Hire Pty Ltd

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1800 255 222 | ABN: 51 604 978 556

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
							aware of crushing hazards when grasping the platform guardrail. Consider high-visibility fencing, spotters or traffic management as required.		
1.5	Being trapped beneath the plant or materials and fixed structures	Y	When lowering the platform or outriggers (if equipped)	O, M	E	Barricading; use of spotters; traffic control.	SWMS/JSA to be completed prior to commencing work. Never operate outside MEWP guardrails. Establish clearly demarcated exclusion zones. Do NOT lower the platform unless the area below is clear of personnel and obstructions.	L	Y
1.6	Body or body parts caught between moving components	Y	Engine area; electrical motors	M	H	Shrouds; covers; battery isolator; E-Stop; ignition key isolation.	Only licensed and approved technicians to carry out repairs per OEM recommendations. Technicians must be inducted into AAH SWMS 'Repair & Maintenance of an EWP' prior to commencing work. Maintain safe clearances per AS4024:1801/1802/1803/1601.	L	Y
1.7	Entanglement of body parts, hair, clothing, jewellery or tools in moving parts	Y	Engine area; engine fan	M	H	Shrouds; covers; battery isolator; E-Stop; ignition key.	Only licensed and approved technicians to carry out repairs per OEM recommendations. AAH SWMS induction required. Avoid loose-fitting clothing. Never remove guards or shrouding during operation.	L	Y
1.8	Contact with moving parts during testing, operation or maintenance	Y	Engine area; engine fan; electrical motors	M	H	Shrouds; covers; battery isolator; E-Stop; ignition key.	Only licensed and approved technicians to carry out repairs. AAH SWMS induction required. Plant must be isolated via E-stop, battery isolator (if equipped) and ignition key removed before repairs commence.	L	Y
1.9	Friction due to contact with moving parts, surfaces or materials	N	-	-	-	-	-	-	-
1.10	Cutting due to sharp tools, components or work materials	N	-	-	-	-	-	-	-

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
1.11	Accumulation of energy inside machinery (liquid/gas under pressure, elastic energy)	Y	All hydraulic hoses, cylinders, valve assemblies and accumulators	O, M	E	Shrouds; covers; mechanical relief valves.	Operator must NOT carry out any repairs. Only suitably licensed and approved technicians as per OEM recommendations. AAH SWMS induction required prior to commencement.	L	Y

9. RISK ASSESSMENT – SECTION 2: Movement of Plant

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
2.1	Plant stability – tipping, rollover (boom extension increases tip risk)	Y	Uneven work area; loading/unloading; traversing terrain exceeding allowable limits	D, O, M, R	E	Plant outriggers; pot hole guards; limit switches; tilt sensors.	A SWMS/JSA or Risk Assessment of the work environment must be completed prior to use – including ground conditions and surrounding areas. Boom extension significantly increases the tipping moment – outrigger/stabiliser deployment must be confirmed before any elevated operation. Plant must NOT be traversed with boom elevated beyond OEM limits. Do NOT use in wind conditions beyond OEM limits (wind speed monitoring required for boom lifts). Platform capacity must not be exceeded at any combination of boom reach and height.	L	Y
2.2	Operator protection in event of rollover (ROPS)	N	–	–	–	–	–	–	–
2.3	Falling from or being thrown from plant	Y	Ejection or falling from platform (stowed or raised)	D, O, M, R	E	Guardrails; self-latching entry gate; fall arrest harness anchor points.	SWMS/JSA to be completed identifying whether harness use is required. Do NOT sit, stand or climb on platform guardrails. Maintain firm footing at all times. Close entry gate before operating. Do NOT climb down from platform when raised. Guardrails must be fitted and intact at ALL times.	L	Y

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2.4	Inability to slow down, stop or immobilise plant	N	–	–	–	–	–	–	–
2.5	Collision with persons, traffic or objects	Y	Surrounding structures; traffic; pedestrian areas	D, O, M, R	E	Barricading; spotters; traffic control.	SWMS/JSA to be completed with reference to COP Traffic Management in the Workplace. Be aware of blind spots and limited sight distance when driving. Check for overhead obstructions before raising platform. Observe colour-coded directional arrows on controls. Establish clearly demarcated exclusion zones.	L	Y
2.6	Uncontrolled or unexpected movement of plant, components or materials	Y	Plant – overspeed; overloading; failure to stop	D, O, M, R	E	Outriggers; stabilisers; hand controls; guarding.	Load/unload per EWPA Load Restraint Guide. Assess site ground conditions before use. Do NOT raise platform unless on a firm level surface. Do NOT use in winds beyond OEM limits. Never 'tie off' plant to any structure. All materials on the platform to be kept secure at all times. MEWP is not to be used as a goods lifting device. Drive speeds must comply with AS 2550.10:2025.	L	Y
2.7	Parts of the plant collapsing	N	–	–	–	–	–	–	–
2.8	Inability to restrict plant from moving into hazardous areas	N	–	–	–	–	–	–	–
2.9	Unauthorised access to or operation of plant	Y	All plant controls	O, M	E	Battery isolator; E-Stop; ignition key; control panel covers/locks.	When not in use: depress both platform and ground control E-stops, remove ignition key and turn battery isolator to OFF. Lock all control panel doors.	L	Y
2.10	Remote activation or automatic start-up of plant	N	–	–	–	–	–	–	–
2.11	Damage to surfaces caused by plant	Y	Site surfaces	D, O, M, R	L	Non-marking tyres; preservation mats.	SWMS/JSA to be completed prior to use. Consider use of non-marking tyres on finished surfaces. Preservation mats may be	L	Y

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	movement or operations						used for surface protection but must NOT be used as load-bearing supports.		

10. RISK ASSESSMENT — SECTION 3: Being Struck by Falling Objects or Ejected Materials

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
3.1	Falling objects from platform	Y	Platform	O	E	Guardrails; toe guards; self-latching gate.	All materials and tooling to be kept orderly and secure on the platform at all times. No loose items permitted on platform (stowed or raised). MEWP must NOT be used as a goods lifting device outside OEM recommendations. Establish exclusion zone around active working area.	L	Y
3.2	Failure of plant or components with loss of contents/load	N	–	–	–	–	–	–	–
3.3	Projectiles / ejected items from platform	Y	Platform	O	E	Guardrails; toe guards; self-latching gate.	All materials and tooling to be kept secure at all times. No loose items permitted. Never operate or carry out work outside of MEWP guardrails. Establish exclusion zone around active working area.	L	Y
3.4	Plant, parts of plant or work pieces disintegrating	N	–	–	–	–	–	–	–

11. RISK ASSESSMENT — SECTION 4: Hazardous Events (Other)

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4.1	Overloading of plant or components	Y	Platform	O	H	Hydraulic relief valves; platform weight sensing cells.	Occupants, equipment and materials must NOT exceed maximum platform capacity at any time. All loads to be evenly distributed throughout the platform. Do NOT exceed maximum side force allowable. Obey all safety decals.	L	Y
4.2	Inadequate mechanical strength of parts	N	-	-	-	-	-	-	-
4.3	Failure of loading controls	N	-	-	-	-	-	-	-
4.4	Inadequate design/selection of pulleys, drums, chains or ropes	N	-	-	-	-	-	-	-
4.5	Abnormal conditions of assembly, testing, use or maintenance	N	-	-	-	-	-	-	-
4.6	Exposure to hazardous materials/chemicals (oils, greases, coolants, solvents) or biological agents	Y	Engine area	O, M	M	Lockable engine covers; all fluids contained within compartments; warning decals.	Only licensed and approved technicians to carry out repairs per OEM recommendations and schedules. AAH SWMS induction required prior to commencement.	L	Y

12. RISK ASSESSMENT — SECTION 5: Systems Under Pressure

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
5.1	Fluids under pressure: Low to moderate pressures (up to 27.6 MPa / 4,000 psi)	Y	All hydraulic hoses, cylinders and valve assemblies	D, O, M, R	E	Shrouds; ducting; covers; mechanical relief valves.	Operator must NOT carry out any repairs. Only correctly licensed and approved technicians per OEM recommendations. AAH SWMS induction required.	L	Y
5.2	Fluids under pressure: High to very high pressures (over 27.6 MPa / 4,000 psi)	Y	All hydraulic hoses, cylinders and valve assemblies	D, O, M, R	E	Shrouds; ducting; covers; mechanical relief valves.	Operator must NOT carry out any repairs. Only correctly licensed and approved technicians per OEM recommendations. AAH SWMS induction required.	L	Y

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5.3	Gas or air under hazardous pressures (pressure vessels)	N	–	–	–	–	–	–	–
5.4	Striking due to damage or failure of high-pressure hoses, couplings or tyres	N	–	–	–	–	–	–	–
5.5	Energy stored in springs or items under tension	Y	Pot hole retention springs	D, O, M, R	M	Shrouds; covers; retaining clips.	Operator must NOT carry out any repairs.	L	Y
5.6	Residual energy / pressure in system	Y	All hydraulic hoses, cylinders and valve assemblies	D, O, M, R	E	Shrouds; covers; mechanical relief valves.	Operator must NOT carry out any repairs. Only correctly licensed and approved technicians per OEM recommendations. AAH SWMS induction required.	L	Y

13. RISK ASSESSMENT — SECTION 6: Electrical

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
6.1	Contact with plant electrical circuits at Extra Low Voltage (under 50V AC or 120V DC)	Y	Plant batteries up to 24V; electrical motors; circuit wiring	M	E	Lockable access covers; sheathing; conduit.	Only licensed and approved technicians to carry out repairs per OEM recommendations. AAH SWMS induction required. When checking battery electrolyte levels, correct PPE must be worn (acid-proof gloves, full face protection). Inspect in a well-ventilated area free of naked flames and sparks.	L	Y
6.2	Contact with plant electrical circuits at LOW or HIGH voltages (50–1000V AC or 120–1500V DC)	N	–	–	–	–	–	–	–
6.3	Contact with or working in close proximity to live	Y	Plant; surrounding structures	D, O, M, R	E	Barricades; insulators.	SWMS/JSA to be completed specifically detailing work near power lines. Reference COP Work Near Overhead Power Lines 2006 — Section	L	Y

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
	electrical conductors (LV/HV power lines)						4.4.2. Establish safe working distances and no-go zones per AS 2550.10:2025 Section 5.8. Consult local authorities before commencing. Look Up and Live. Dial Before You Dig.		
6.4	Overloading of electrical / electronic systems or control circuits	N	-	-	-	-	-	-	-
6.5	Energy sources — identification and isolation of systems	N	-	-	-	-	-	-	-
6.6	Contact with or working in proximity to live electrical conductors or control devices	Y	Plant; surrounding structures	D, O, M, R	E	Barricades; insulators.	SWMS/JSA to be completed specifically detailing work near power lines. Reference COP Work Near Overhead Power Lines 2006 — Section 4.4.2. Safe working distances per AS 2550.10:2025 Section 5.8. Consult local authorities. Look Up and Live. Dial Before You Dig.	L	Y
6.7	Residual / stored energy in electrical systems (batteries, capacitors, UPS, emergency systems)	Y	Plant batteries; battery charger unit	M	E	Lockable access covers.	Only licensed and approved technicians to carry out repairs per OEM recommendations. AAH SWMS inductions required: 'Repair & Maintenance of an EWP' and 'Inspecting & Changing Batteries in MEWPs'. All inspections to be carried out in a well-ventilated area free of naked flames and sparks. Correct PPE (acid-proof gloves, full face protection) must be worn when checking battery electrolyte levels.	L	Y
6.8	Electrical systems intrinsically safe in hazardous atmospheres	N	-	-	-	-	-	-	-

14. RISK ASSESSMENT — SECTION 7: Fire & Explosion

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Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
7.1	Components susceptible to high temperatures or overheating	N	-	-	-	-	-	-	-
7.2	Ignition sources from plant design (flame, sparks, heating elements)	N	-	-	-	-	-	-	-
7.3	Ignition sources from process or plant operation (ejected items, electrical discharge)	N	-	-	-	-	-	-	-
7.4	Flammable or explosive atmosphere	Y	Plant fuel tank; fuel lines; plant engine; fuelling containers	O, M	E	Fuel tank vents; line guarding.	MEWP to be fuelled per site regulations. A separate JSA/SWMS is recommended for this process. Plant must be turned off and isolated prior to fuelling. Allow components to cool before fuelling. Fuel only from authorised containers or bowser. Fuel in a well-ventilated area. Relevant SDS must be on hand. Do NOT smoke during fuelling. Ensure spill containment is available. Always wear appropriate PPE (gloves, eyewear) whilst fuelling. AAH staff to complete AAH SWMS 'Fuelling Plant & Equipment'.	L	Y
7.5	Over-pressurisation or catastrophic failure within pressurised system	N	-	-	-	-	-	-	-
7.6	Interference with remote detonation equipment	N	-	-	-	-	-	-	-

15. RISK ASSESSMENT — SECTION 8: Slips, Trips & Falls

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
8.1	Working/access surfaces on plant uneven, slippery or obstructed	Y	Platform; access steps	D, O, M, R	M	Non-slip surface on platform and entry; entry/exit handrails.	Keep access and work areas clean, tidy and free of debris at all times. Remove mud or oil from footwear before entering. Maintain firm footing and hold guardrails whilst in use. Do NOT stand, sit or climb on MEWP handrails. Do NOT use ladders or scaffolding from the platform to gain further reach. Correct footwear (rubber-soled steel cap boots) to be worn. Maintain minimum three points of contact whilst accessing or using the MEWP.	L	Y
8.2	Falls from designated access (ladders, stairs, walkways) on the plant	Y	Plant access ladders	D, O, M, R	M	Non-slip surface on entry; entry/exit handrails.	Keep access areas clean and tidy. Remove mud or oil from footwear before entering. Do NOT enter or exit the MEWP in any manner other than that designated by the OEM. Safety decals. Correct footwear (rubber-soled steel cap boots). Maintain minimum three points of contact at all times.	L	Y
8.3	Falls from elevated areas on plant (fall height under 2m)	Y	Platform	D, O, M, R	E	Guardrails; fall arrest harness anchor points; self-closing entry gates.	SWMS/JSA to be completed detailing whether full body harnesses are required per task and environment. Guardrails must be fitted at ALL times and must NOT be altered in any way. Do NOT exit the MEWP whilst elevated. Do NOT stand, sit or climb on MEWP handrails. Do NOT use auxiliary equipment (ladders, scaffolding) from the MEWP. Reference National COP for Prevention of Falls in General Construction — Item 6.0.	L	Y
8.4	Falls from elevated areas on plant (fall height over 2m)	Y	Platform	D, O, M, R	E	Guardrails; fall arrest harness anchor points; self-closing entry gates.	SWMS/JSA to be completed per fall requirements. Consider AS/NZS 1891.1:2020 Industrial Fall Arrest Systems. Guardrails must be fitted at ALL times and must NOT be altered. Do NOT exit the MEWP whilst elevated. Correct footwear must be worn. Do NOT stand, sit or climb on MEWP handrails at any time. Do NOT use auxiliary equipment from the platform to gain further reach.	L	Y
8.5	Falls due to collapse of supporting structure	N	—	—	—	—	—	—	—

16. RISK ASSESSMENT — SECTION 9: Atmospheric Conditions & Contaminants

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
9.1	Atmospheric contaminants from plant operation (exhaust emissions, gases, thermal fumes)	Y	Plant engine exhaust	D, O, M, R	H	Exhaust system mufflers; catalytic convertors; spark arrestor.	MEWP to be operated in a well-ventilated area at all times. SWMS/JSA to be completed detailing work environment and any requirement for confined space procedures. Reference Confined Spaces COP December 2021 — Note 3.1. Regularly monitor air quality. Consider substitute plant where air quality must not be compromised. PPE such as breathing apparatus may be required.	L	Y
9.2	Atmospheric contaminants created through work or materials (dusts, fibres)	N	–	–	–	–	–	–	–
9.3	Contaminants / toxic materials produced	Y	Plant engine exhaust	D, O, M, R	H	Exhaust system mufflers; catalytic convertors; spark arrestor.	Operate in well-ventilated areas at all times. Complete SWMS/JSA for confined space or restricted-air environments. Reference Confined Spaces COP December 2021. Monitor air quality regularly. Consider substitute plant where required. PPE may include breathing apparatus.	L	Y
9.4	Confined spaces associated with the plant	N	–	–	–	–	–	–	–
9.5	Unsafe oxygen levels	Y	Plant engine exhaust; battery charging area	D, O, M, R	H	Exhaust system mufflers; catalytic convertors; enclosures.	Operate in well-ventilated areas at all times. SWMS/JSA required for work in or near areas with potential oxygen risk. Reference Confined Spaces COP December 2021. Monitor air quality. Electric machines must ALWAYS be charged in well-ventilated areas free from naked flames and sparks.	L	Y

17. RISK ASSESSMENT — SECTION 10: Working Environment & Ergonomics

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10.1	Lighting conditions (illumination, glare)	Y	Platform working area; auxiliary lighting	O, M	H	Platform lighting; auxiliary light stands.	Monitor lighting levels via lux meter to ensure adequate illumination throughout MEWP use. External light stands or fixed lighting to be available for low-light operations. Stop work if lighting is not sufficient. In cases of excessive glare, consider tinted safety glasses and wide-brim hats. Reference Appendix Table 1 if a SWMS identifies lighting concerns.	L	Y
10.2	Restricted visibility or work area	Y	Platform	O	H	Barricading; spotters; traffic management.	SWMS/JSA to be completed detailing environmental conditions affecting MEWP use. Be aware of blind spots and limited sight distance when driving. Check for overhead obstructions. Use colour-coded directional arrows on controls. Always barricade in public or high traffic zones. Establish clearly demarcated exclusion zones.	L	Y
10.3	Injury due to poorly designed, located or faulty seating	N	-	-	-	-	-	-	-
10.4	User error through poor design or marking of controls	N	-	-	-	-	-	-	-
10.5	Manual handling risks due to heavy or awkward loads, repetitive lifting	N	-	-	-	-	-	-	-
10.6	Repetitive activity, forceful exertions, static or awkward posture	N	-	-	-	-	-	-	-
10.7	Noise levels exceeding recommended exposure levels (Leq 85 dB(A) over 8 hours)	Y	Plant engine area	O, M	H	-	Reference Appendix Table 1 (Noise Report) if a SWMS identifies noise concerns. Appropriate PPE (hearing protection) to be considered where required.	L	Y
10.8	Adverse effects on communication with others on or near plant	N	-	-	-	-	-	-	-

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10.9	Vibration (personal exposure, impact on structures)	N	-	-	-	-	-	-	-
10.10	Introduction of moisture, water or contaminants to work areas or systems	N	-	-	-	-	-	-	-
10.11	Radiation – ionising (UV, X-ray, Gamma)	N	-	-	-	-	-	-	-
10.12	Radiation – non-ionising (RF, microwave, infrared, laser)	N	-	-	-	-	-	-	-

18. RISK ASSESSMENT – SECTION 11: Temperature Extremes

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
11.1	Open flame, steam or heated air	N	-	-	-	-	-	-	-
11.2	Exposure to high or low temperature extremes (thermal comfort)	N	-	-	-	-	-	-	-
11.3	Contact with hot or cold plant components or materials	Y	Plant engine; plant exhaust	D, O, M, R	M	Guarding; engine covers.	Only licensed and approved technicians to carry out repairs per OEM recommendations. AAH SWMS induction required. Allow sufficient time for components to cool before maintenance, repairs or inspections. All exhaust	L	Y

PLANT HAZARD & RISK ASSESSMENT

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Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
							shields and guards to remain in place during operation. Use correct PPE (heatproof gloves, protective glasses) for maintenance and inspection tasks.		

19. RISK ASSESSMENT — SECTION 12: Transport & Movement of Plant

Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
12.1	Loading / unloading of plant	Y	Transport vehicle	D, R	E	Tie-down points; truck winch.	Separate SWMS/JSA to be completed prior to transport. Transport driver to hold EWPA 'T' ticket. Loading and unloading to be carried out in designated areas only. Establish exclusion zone around loading/unloading area. Avoid congested work areas.	L	Y
12.2	Stability and security of plant and components during transport	Y	Transport vehicle	D, R	E	Tie-down points; truck winch.	Separate SWMS/JSA to be completed prior to transport. Plant to be secured per OEM load restraint guidelines (EWPA Load Restraint Guide). Plant must be switched off and isolated throughout the transport process.	L	Y
12.3	Factors affecting road movement of plant (licence, escort, permits)	N	–	–	–	–	–	–	–

20. RISK ASSESSMENT — SECTION 13: Operator Licensing & Competency

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Ref	Risk / Safety Concern	Y/N	Location & Nature of Hazard	Life-cycle	Pre-Risk	Plant (Engineering) Controls	Operator / Procedural Controls	Residual Risk	Acceptable
13.1	Non-ticketed or unqualified operation of plant	Y	Maintenance; transport; operation of plant	C, D, O, M, R	E	Operators manual; safety decals.	All operators must hold a valid EWPA Yellow Card for the relevant category: Self-Propelled Boom (BL), Trailer Mounted Boom (TL) or Truck Mounted Boom (TM). For boom-type EWPs with a working height or reach of 11 metres or more, operators MUST hold a National High Risk Work Licence Class WP issued by a WHS Regulator — this is a legal requirement. Ticketed operator to read and understand operating manual prior to use. A Verification of Competency (VOC) may also be required as a site-specific regulation. Harness anchor points on boom type EWPs must be used at all times — harness attachment is mandatory, unlike scissor lifts where it is task-dependent.	L	Y

21. ACKNOWLEDGEMENT & SIGN-OFF

This Hazard & Risk Assessment has been developed through consultation with employees, manufacturers and third-party information. All persons undertaking the works are to read, understand and sign below.

Print Name	Role / Position	Signature	Date