



Risk Assessment Elevated Work Platform



Hazards Requiring Attention:

0

AS AT

Tuesday, 7 January 2025

Next Review

Wednesday, 7 January 2026

Total Hazards Recorded

17

Critical Risk Hazards

0

High Risk Hazards

0

Moderate Risk Hazards

11

Low Risk Hazards

6

Risk Matrix - Refer Procedure Hazard Identification

Probability	Low	Minor	Moderate	Major	Critical
Negligible	L2	L3	L4	M5	M6
Unlikely	L3	L4	M5	M6	H7
Possible	L4	M5	M6	H7	H8
Likely	M5	M6	H7	H8	E9
Almost Certain	M6	H7	H8	E9	E10

Elevated Work Platform

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Site Safety	Collision, damage to machine Personal injury Entanglement	4	3	H7	1 - Check area where machine will be operated for obstructions, adverse ground conditions, overhanging or low structures, and vehicle and pedestrian traffic. 2 - Operators must wear PPE as required for site, and protective gloves when handling loads, slings or attachments. 3 - Persons must not wear loose clothing, jewellery or unrestrained long hair in vicinity of moving parts of machinery.	2	3	M5
Site Environment	All workers unaware of site issues. Slips trips and falls Manual Handling Noise Fatigue	3	4	H7	1 - Site office or muster point to be established with all required information including induction and sign in to be available to all staff attending site. 2 - Toolbox talks 3 - Ensure site rules are adhered to at all times. 4 - Ensure site traffic management is adhered to 5 - Correct PPE to be worn - Site Safety Rules 6 - Site Working Hours	2	2	L4
Loading & Unloading	Collision, damage to machine Personal injury Entanglement	5	2	H7	1 - Wear required PPE, safety footwear, rigger's gloves, safety helmet and high-visibility clothing. 2 - Always ensure that the correct machinery unloading process is followed and that it is undertaken by a competent person. Ensure that ramps are secured in place and that spotter is engaged to guide the operator. 3 - Wear required PPE, safety footwear and high visibility clothing. 4 - Follow correct procedures when unloading and loading machinery and do not use excavator without experience. You MUST be competent to drive the machinery. 5 - Wear correct PPE. 6 - Always remain at a safe distance from the machinery. 7 - Provide a spotter when required.	3	1	L4

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Overhead Wires	Electrocution	3	5	H8	1 - Overhead Wires Identified Using "Tiger Tails" 2 - Safe Distance Assessment - Mandatory Minimum Approach Distances As Per SafeWork NSW COP Working Near Overhead Power Lines 3 - Use of Observer 4 - Safe Effective Hazardous Working at Heights Procedures 5 - Training & Qualification, Site Induction & Toolbox Talks	2	3	M5
Pre-Start Check	Personal injury Entanglement	5	2	H7	1 - Check wheels bolt & nuts for tightness before using EWP 2 - Carry out daily checks in accordance with manufacturers specifications, before each work shift 3 - Carry out daily checks inspecting for missing peeling or illegible safety decals 4 - Notify Site Manager immediately if your operators manual or log book are missing	3	1	L4
Changing EWP	Electrocution	3	4	H7	1 - Obey all Danger, Warning, Caution, Important notices & Operation Instructions	3	2	M5
Operating EWP Combustion Models Only	Asphyxiation	3	4	H7	1 - Be aware that this equipment must only be used in areas with adequate ventilation.	2	2	L4
Operation	Overloading Instability and overturning Striking against or collision Unauthorised operation or accidental movement	4	4	H8	1 - You must have been instructed on the safe use of this equipment & if required by law you must hold the correct certificate of competency to use this equipment 2 - Read & Understand operating manual	3	2	M5
Driving Elevated	Fall from Platform Tip Over Collision Injury	4	4	H8	1 - Never stand or sit on handrails or mid rail, ensure gate is securely closed, carry out pre-operational checks as described in operators manual. Always wear harness in boom type EWP's. 2 - Ensure your tyres are inflated to the correct pressure. 3 - Ensure you look up, down, forward, backward, left & right when moving the EWP	2	3	M5
Driving Lowered	Collision Injury	4	4	H8	1 - Ensure you look up, down, forward, backward, left & right when driving the EWP. 2 - Take extreme care when driving down a slope. Never exceed EWE gradually.	2	3	M5

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Elevating EWP	Collison Injury Tip Over Electrocution Tip Over	4	4	H8	1 - Ensure you look up, down, forward, backward, left & right when elevating the EWP 2 - Never operate the EWP in strong wind conditions, stop using the EWE when it is deemed to be unsafe. 3 - Be aware of electrocution hazard ask competent person for safe clearances & refer warning signs & operator manual as a guide. Understand your EWP is not insulated. 4 - Never elevate the platform unless you are on a firm & level surface. Never overload the EWP.	2	3	M5
Vertical Lifts	Collison Injury Tip Over Electrocution Tip Over	4	4	H8	1 - Ensure you follow the correct procedure when moving, lifting, positioning & setting up the Vertical Lift	2	3	M5
Lowering EWP	Collision injury to yourself & others	4	4	H8	Always check below before lowering the EWP. Ensure there are no obstructions under the platform & no persons in close proximity.	2	3	M5
Working from EWP	Tip Over Injury to personnel Below Tip Over Fall from Platform Tip Over	4	4	H8	1 - Do not use as a crane or lifting device, do not overload platform. 2 - Ensure all tools & material are safely stowed/secured in the platform to prevent materials or equipment being dropped over the side. 3 - Never use your EWP to push or pull other objects. Never use damaged or malfunctioning equipment. Never modify EWP. 4 - Should the platform fail to lower never climb down elevating assembly. 5 - Never use ladders, scaffolding, or other objects on the platform to gain additional height 6 - Never leave the EWP to gain access to a building or any other equipment. Never overload your platform; always distribute the load evenly over the platform. Locate & understand your Safe Working Load (S.W.L)	2	3	M5
Securing after Use	Unauthoriosed luse	3	3	M6	1 - Lower platform at the end of work shift, remove keys, position in safe location	2	2	L4

Activity	Hazard	Probability	Consequence	Ranking	Control	Probability	Consequence	Ranking
Cleaning & Maintenance	Moving Parts, Burns	3	3	M6	Always observe precautions in operator's manuals when cleaning and washing machine. All maintenance in accordance with manufacturers specifications. Inspect all parts of machine for wear, damage or loose or missing parts. Use only approved parts and lubricants when maintaining and servicing. Only re-fuel the EWP when the engine is shut down, in an area free from sparks: flame and other hazards which may cause fire or explosion. Never check radiator water level when engine is hot Only change batteries in well ventilated areas Always wear safety glasses when inspecting batteries. No smoking or naked flames	3	2	M5
Use of Stabilisers	Instability or overturning	3	4	H7	1 - Use stabilisers only to increase the stability of the machine. 2 - Improper use of stabilisers can cause instability. 3 - Level the machine by means of the level indicator before raising any load. 4 - Ensure that the stabiliser indicator lamp is on before using the boom.	2	2	L4