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RISK ASSESSMENT & CONTROL MEASURES ELEVATING WORK PLATFORMS (EWP)



Task Description		Risk 5	Risk 4	Control Measures	Revised Class 2	Comments	Responsible Operator/Supervisor
Operating EWP	Death/serious injury	✓		You must have been instructed on the safe use of this equipment and if required by law, you must hold the correct certificate of competency to use this equipment and attachments.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Operating EWP	Death/serious injury	✓		Read and understand operating manual.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Changing EWP operating & safety systems	Death/serious injury	✓		Obey all Danger, Warning, Caution, Important Notices and Operation Instructions.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Operating EWP combustion models only	Death/serious injury	✓		Be aware that this equipment must only be used in areas with adequate ventilation.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
EWP maintenance	Personal injury		✓	Only perform daily checks, maintenance as instructed/call owner if unsure!	✓	Call owner for breakdowns, qualified persons only to perform maintenance other than daily checks.	Operator / Supervisor
Driving elevated	Fall from platform	✓		Never stand or sit on handrails or mid rail, ensure gate is securely closed, carry out pre-operational checks as described in operator manual. Always wear harness in boom type EWP's.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Driving elevated	Tip over	✓		Ensure your tyres are inflated to the correct pressure.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Driving elevated	Collision injury		✓	Ensure you look up, down, forward, backwards, left and right when mobilising the EWP.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Driving lowered	Collision injury		✓	Ensure you look up, down, forward, backwards, left and right when driving the EWP. Take extreme care when driving down a slope. Never exceed EWP gradability.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Elevating EWP	Collision injury	✓		Ensure you look up, down, forward, backwards, left and right when elevating the EWP.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Elevating EWP	Tip over	✓		Never operate the EWP in strong wind conditions. Stop using the EWP when it is deemed to be unsafe.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Elevating/Driving EWP	Electrocution	✓		Be aware of electrocution hazard ask competent person for safe clearances and refer warning signs and operator manual as a guide. Understand your EWP is not insulated.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Elevating/Driving EWP	Tip over	✓		Never elevate the platform unless you are on a firm and level surface, which will safely support the load of the EWP. Never overload the EWP.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Lowering EWP	Collision injury to yourself & others		✓	Always check below before lowering the EWP. Ensure there are no obstructions under the platform and no persons in close proximity.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Working from EWP	Tip over	✓		Do not use a crane or lifting device, do not overload platform.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Working from EWP	Injury to personnel below	✓		Ensure all tools and materials are safely stowed/secured in the platform to prevent material or equipment being dropped over the side.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Working from EWP	Tip over	✓		Never use your EWP to push or pull other objects.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Working from EWP	Fall from platform	✓		Never leave the EWP to gain access to a building or any other equipment.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Working from EWP	Tip over	✓		Never overload your platform; always distribute the load evenly over the platform. Locate and understand your Safe Working Load (SWL).	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Working from EWP	All of above	✓		Never use damaged or malfunctioning equipment. Never modify EWP.	✓	Call Instant Access immediately if unsure	Operator / Supervisor

Task Description		Risk 5	Risk 4	Control Measures	Revised Class 2	Comments	Responsible Operator/Supervisor
Working from EWP	Fall from EWP	✓		Should the platform fail to lower, never climb down the elevating assembly.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Working from EWP	Fall from EWP	✓		Never use ladders, scaffold or other objects on the platform to gain additional height.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Securing EWP after use	Unauthorised use		✓	Lower platform at the end of work shift, remove keys, position in safe location.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Driving EWP	Fall through ground surface	✓		Know the weight of your EWP and ensure a competent person has checked the ground surface where you intend to use the EWP.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Operating EWP	Burns/explosion injury	✓		Turn gas bottle valve off when not in use. Stop using the equipment if you smell gas. Do not smoke near fuel sources.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Operating EWP	Death/serious injury	✓		If the platform should fail to lower, ask a person on the ground to operate the emergency lowering valve (refer Operating Manual).	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
EWP maintenance	Burns		✓	Never check radiator water level when engine is hot.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
EWP maintenance	Burns		✓	Only charge batteries in well-ventilated areas.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
EWP maintenance	Burns		✓	Always wear safety glasses when inspecting batteries. No smoking or naked flames.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Operating EWP	Crushing injury	✓		Never enter the elevating assembly when the EWP is elevated.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Daily checks	Tip over	✓		Check wheel bolts/nuts for tightness before using the EWP.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Daily checks	Tip over	✓		Carry out daily checks as per operating manual before each work shift.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Daily checks	Personal injury		✓	Carry out daily checks inspecting for missing, peeling or illegible safety decals, also notify Instant Access immediately if your operators manual or logbook is missing.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Handling vertical lifts	Personal injury		✓	Ensure you follow the correct procedure when moving, lifting, positioning and setting up your vertical lift.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
EWP maintenance	Burns/explosion injury	✓		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.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor

NB: IN ADDITION TO THE RISK AND CONTROL MEASURES LISTED ABOVE, FOR BOOM TYPE ELEVATING WORK PLATFORMS, THE FOLLOWING SHOULD ALSO BE NOTED:-

BOOM TYPE EWP's

Task Description		Risk 5	Control Measures	Revised Class 2	Comments	Responsible Operator/Supervisor
Operating EWP	Death/serious injury	✓	If boom type EWP has reach/height of 11 metres or over, you must be holder of a WP type Certificate of Competency.	✓	Call Instant Access immediately if unsure	Operator / Supervisor
Operating EWP	Death/serious injury	✓	All occupants must wear approved fall restraint device properly attached to designated platform anchorage points.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Operating EWP	Death/serious injury	✓	Never elevate the machine when wind speeds exceed 12.5m/sec.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Operating EWP	Death/serious injury	✓	Never enter or exit platform while elevated.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor
Operating EWP	Death/serious injury	✓	If alarm sounds while boom is elevated, stop and carefully retract boom and lower platform without rotating.	✓	Relevant Training / Orientation / Induction	Operator / Supervisor

Level of Risk & Description: ⑤ CATASTROPHIC, ④ MAJOR, ③ MODERATE, ② MINOR ① INSIGNIFICANT