



RISK ASSESSMENT & CONTROL MEASURES

ELEVATING WORK PLATFORMS (EWP)

Instant Scaffolds WA
 PO Box 129
 Burswood WA 6100
 Ph: 9472 7600 Fx: (08) 9472 7611

<u>Task Description</u>	<u>Hazard</u>	<u>Risk 5</u>	<u>Risk 4</u>	<u>Control Measures</u>	<u>Revised Class 2</u>	<u>Comments</u>	<u>Responsible Operator/Supervisor</u>
Operating EWP	Death/Serious Injury	✓		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	✓	Relevant Training/Orientation/Induction	Operator/Supervisor
Operating EWP	Death/Serious Injury	✓		Read & Understand operating manual	✓	Relevant Training/Orientation/Induction	Operator/Supervisor
Changing EWP Operating & Safety Systems	Death/Serious Injury	✓		Obey all Danger, Warning, Caution, Important notices & 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!	✓	Relevant Training/Orientation/Induction	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 operators manual. Always wear harness in boom type EWP's.	✓	Relevant Training/Orientation/Induction	Operator/Supervisor
Driving Elevated	Tip Over	✓		Insure your tyres are inflated to the correct pressure.	✓	Relevant Training/Orientation/Induction	Operator/Supervisor
Driving Elevated	Collison Injury		✓	Ensure you look up, down, forward, backward, left & right when mobiling the EWP	✓		Operator/Supervisor
Driving Lowered	Collison Injury		✓	Ensure you look up, down, forward, backward, left & right when driving the EWP. Take extreme care when driving down a slop. Never exceed EWP gradability.	✓	Relevant Training/Orientation/Induction	Operator/Supervisor
Elevating EWP	Collison Injury	✓		Ensure you look up, down, forward, backward, left & 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 & refer warning signs & 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 & 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 & no persons in close proximity.	✓	Relevant Training/Orientation/Induction	Operator/Supervisor
Working from EWP	Tip Over	✓		Do not use as 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 & material are safely stowed/secured in the platform to prevent materials 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 & understand your Safe Working Load (S.W.L)	✓	Relevant Training/Orientation/Induction	Operator/Supervisor

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

See Reverse Side for more Safety Information on EWP

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Working from EWP	All of above	✓		Never use damaged or malfunctioning equipment. Never modify EWP.	✓	Call Instant Scaffolds WA immediately if unsure	Operator/Supervisor
Working from EWP	Fall from EWP	✓		Should the platform fail to lower never climb down elevating assembly.	✓	Relevant Training/Orientation/Induction	Operator/Supervisor
Working from EWP	Fall from EWP	✓		Never use ladders, scaffolding, or other objects on the platform to gain additional height	✓	Relevant Training/Orientation/Induction	Operator/Supervisor
Securing EWP after use	Unauthorized 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 & 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 change 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 wheels bolts/nuts for tightness before using 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 Scaffolds WA immediately if your operators manual or log book are missing	✓	Relevant Training/Orientation/Induction	Operator/Supervisor
Handling Vertical Lifts	Personal Injury		✓	Ensure you follow the correct procedure when moving, lifting, positioning & 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 RISKS AND CONTROL MEASURES LISTED ABOVE FOR BOOM TYPE ELVATING WORK PLATFORMS THE FOLLOWING SHOULD ALSO BE NOTED -

BOOM TYPE EWP'S

Task Description	Hazard	Risk 5	Control Measures	Revised Class 2	Comments	Responsible Operator/Supervisor
Operating EWP	Death/Serious Injury	✓	If Boom Type EWP has reach/height of 11mtrs or over, you must be holder of a WP type Certificate of Competency	✓	Relevant Training/Orientation/Induction	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: ①CATASTROPHIC, ②MAJOR, ③MODERATE, ④MINOR, ⑤INSIGNIFICANT

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