Risk Assessment & Control Measures (Astro Cable Climbing Hoist & Temporary Swinging Stage

Elevate Access Solutions
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Task Description	Hazard	Risk 5	Risk 4	Control Measures	Revised Class 2	Comments	Responsible Operator/Supervisor
Operating Astro	Death/Serious Injury	✓		Read and understand operating manual	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Astro Hoist	Death/Serious Injury	✓		Familiarize yourself with the hoist safety and operating functions before use if unsure call Elevate Access .	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Daily Checks Electrical	Death/Serious Injury	✓		Inspect all power leads and electrical components for cuts, crushing damage,bare wires. Test the ELCB on the powerboard before each shift; check all emergency stop buttons for correct operations on hoists & powerboard.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Changing ASTRO Operating & Safety Systems	Death/Serious Injury	✓		Obey all Danger, Warning, Caution, Important notices and operation instructions	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating ASTRO	Death/Serious Injury	✓		Never use wire rope of incorrect type or size in the hoist, if unsure call Elevate Access	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating LSS	Death/Serious Injury	✓		If stranded in LSS. Refer Operations Manual for use of emergency crank handle procedures.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating LSS	Death/Serious Injury	✓		If stranded in LSS. Refer Operators manual for correct use of emergency descent handle.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating LSS	Death/Serious Injury	✓		Before use ensure operator has adequate communication system in case of malfunction.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Entering LSS	Death/Serious Injury	✓		When entering LSS cradle - stage must at ground level. Maintain a 3 point contact.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	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/Safety Information	Operator/Supervisor
Daily Checks	Death/Serious Injury	✓		You must carry out the required daily checks before using the hoists and Swinging Stage, if unsure contact Elevate Access. Refer operators manual.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Daily Checks Roof Rig	Death/Serious Injury	✓		Inspect the roof rig or suspension points before use, paying particular attention for loose shackles, unsecured or insufficient counter weights, loose scaffold fittings, damaged equipment. Never assume a previously rigged job is still safely rigged.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Daily Checks wire rope	Death/Serious Injury	✓		Inspect wire suspension ropes for kinks, birdcages, broken wire strands brazed ends, sufficient length, damage. Correct size and type.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Daily Checks Cradle	Death/Serious Injury	✓		Inspect the cradle/boat for missing or loose bolts, nuts, securing pins.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Death/Serious Injury	✓		Never use damaged or faulty equipment if in doubt call Elevate Access.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Erecting Swinging Stage	Death/Serious Injury	✓		You must hold the relevant license/certificate if you are assembling or erecting any Swinging Stage equipment.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Death/Serious Injury	✓		Never overload the Swinging Stage know the Safe Working Load & understand this load must be evenly distributed.	✓	Relevant Training/Orientation/Induction/Safety Information	
Operating Swinging Stage	Collision hazard/Injury	✓		When elevating always look up & around keeping vigilant for obstructions & collision hazards.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Collision hazard/Injury	✓		When descending always look down & around keeping vigilant for collisions hazards & people below.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Collapse/Collision Hazard	✓		Never use the Swinging Stage in strong winds, or when it is deemed unsafe	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Injury to people below or around Swinging Stage	✓		Keep People away from under suspended equipment; provide protection below if required preventing injury from falling objects.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Daily Checks	Serious Injury		✓	Ensure instruction labels on the hoist & stege are clear & legible. Call Elevate Access		Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor

Level of risk & Description: ☐**CATASTROPHIC,** ☐**MAJOR,** ☐ **MODERATE,** ☐ **MINOR,** ☐**INSIGNIFICANT**

See reverse side for more Swinging Stage Safety Instructions

Task Description	Hazard	Risk 5	Risk 4	Control Measures	Revised Class 2	Comments	Responsible Operator/Supervisor
Operating Swinging Stage	Death/Serious Injury	✓		Operators must not be subject to seizures or loss of control and must not be under the influence of alcohol or drugs, when using Swinging Stages & associated Equipment.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Fall From Platform	✓		Always maintain a firm fitting on the platform, never sit on the rails, never stand on boxes, Ladders, toeboards, etc if required by law use a safety harness & tether line.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Repairing Swinging Stage	Death/Serious Injury	✓		Only qualified personnel to carry out repairs to the Swinging Stage and its components. (No repairs by operator).	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Death/Serious Injury	✓		Never jam the operating buttons of the hoist with shifters tape etc, they must move freely and one operator must be at each hoist.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Malfunction/Serious Injury	✓		Never attach a weight of more than 10Kg to the safety wire rope.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Fall from platform/ Malfunction	✓		Always operate the Swinging Stage in level position	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Fall from platform	✓		Never step/stand outside the guardrails of the platform never over stretch to complete your work task.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Malfunction/Personal injur	✓		Never attempt to use the hoists if the motors are running but there is no movement up or down.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Erecting Swinging Stage	Death/Serious Injury	✓		**Never** use "flowable material" as counterweights, such as sand or water. Counterweights must be stamped with their actual weight.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Tripping Injury	✓		Always keep work surface neat & clear of debris to avoid tripping & facilitate easy movement.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Erecting Swinging Stage	Electrocution hazard	✓		Never allow power supply leads to support weight beyond their approved rating. Never allow plugs to support any weight.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Death/Serious Injury	✓		When you notice the over speed grab flywheel is not turning when you are operating the hoists! Push the emergency stop button. Do not use the hoist until the situation is corrected!	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Serious Injury/Property Damage	✓		Always allow the hoist to come to a complete stop before changing direction of travel.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Death/Serious Injury	✓		When using the Swinging Stage in dirty environments, such as epoxy paint,cement,sand blasting or in rusting conditions, inspect the operations of the hoist & over speed device frequently during each day.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Collapse/Collision Hazard	✓		Caution when using advertising material, or weather protection material such as plastic or heshian as this can act as a sail in windy conditions.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Collapse due to overload	✓		Never allow debris/work rubbish to build up in platform this will quickly overload the platform.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Setup/Operate Swinging Stage	Explosion/Fire Hazard	✓		Never use your electric hoists in a hazardous environment.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Erecting/Operating Swinging Stage	Head Injury	✓		Hard hats must be worn at all times, when servicing, erecting, disassembling or using the equipment.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Death/Serious Injury			Care must be taken when using hoists in freezing temperatures, where water may enter the hoists overspeed brake or traction assembly. Take special precautions.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Death/Serious Injury	✓		Always exercise extreme caution when using grinding,cutting & welding equipment near the Swinging Stage suspension wire ropes.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Entering or Exiting the Swinging Stage Cradle	Personal Injury	✓		Always maintain a 3 point contact when climbing on or off the Swinging Stage.	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Securing Swinging Stage after use	Unauthorized use	✓		Disconnect power supply at the mains outlet after your work shift	✓	Relevant Training/Orientation/Induction/Safety Information	Operator/Supervisor
Operating Swinging Stage	Electrocution	✓	✓	Carry out site inspections before operation, locating overhead powerlines	✓	Relevant Training/Orientation/Induction/Safety Information	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/Safety Information	Operator/Supervisor

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