



HAZARD IDENTIFICATION , RISK ASSESSMENT AND CONTROL

STAGE: DESIGNER , IMPORTER , MANUFACTURER , SUPPLIER , EMPLOYER

PLANT EQUIPMENT ID : S1930 DATE :
PLANT DESCRIPTION : Self Propelled Scissor Lift SERIAL NUMBER:
PERSON CONDUCTING ASSESSMENT:

Table with columns: HAZARD IDENTIFICATION, RISK ASSESSMENT, PRACTICABILITY (YES/NO), RISK CONTROL (SHORT TERM/LONG TERM). Rows include hazards like Level Sensor failure, Interlocks fail, Machine overloaded, etc.



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HAZARD IDENTIFICATION	RISK ASSESSMENT	PRACTICABILITY (IS IT PRACTICABLE TO REMOVE OR MITIGATE THE HAZARD OR RISK)		RISK CONTROL	
		YES	NO (WHY NOT)	SHORT TERM	LONG TERM
OCCUPATIONAL HAZARDS					
Trip Hazards					
Exit/Entry trip through gate	Low	Yes			Provide hand holds on frame
Set Up Hazards					
Set up on soft / unstable ground	Moderate	Yes		Operator training	Place in training and operational procedures
Set up on excessive slope	Low	No	Level sensor interlocked to lift circuit	Level sensor stops lift and elevated drive	Place in training and operational procedures
Traffic hazard	Moderate	Yes		Use of marker cones and flashing light	Place in training and operational procedures
Site hazard - hit by cranes or other mobile plant	Moderate	Yes		Operator training in site evaluation	Place in training and operational procedures
Use by unauthorised site personnel	Moderate	Yes		Disable the unit and make it safe	Place in training and operational procedures
Tyre punctures	Low	Yes			Solid tyres



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Pinch and Crush Hazards					
Fingers trapped between scissor mechanism	Medium	Yes		Operator training and decals	Place in operation manual
Hit by lowering platform	Medium	Yes		Operator training and decals	Place in operation manual
Other Hazards					
Hose burst - high pressure oil jet	Low	Yes		Inspection and maintenance procedures	Inspection procedures per AS2550-10
Hitting head on entry	Medium	Yes		Fit Rubber Bumper to top rail	Place in operation manual
Roll out deck - uncontrolled	Low	Yes		locks at fully extended and fully retracted	



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		Environmental Hazards			
Electric Shock	Low	Yes		Statutory decals and operator training	Place in operational procedures
- Accidental contact					
- Intentional contact					
240VAC Outlet	low	Yes			Fit earth leakage circuit breaker to lower box
Hitting fixed object	Low	Yes		Operator training	Place warnings in operational procedures
- Bodily harm					
- Torso/ arm crushed					
Falling objects	Moderate	Yes		Operator training	Place warnings in operational procedures
- trimmed branches					
- falling tools					
Falling from platform	Low	Yes		Use of decals	Place warnings in operational procedures



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		Structural Failure			
Scissor stack fails structurally fatigue , corrosion , damage	Low	Yes		Inspection 3 monthly / yearly	Inspect as per AS2550-10
Joints fail - Pins, Pin Keepers etc.	Low	Yes		Inspection 3 monthly / yearly	Inspect as per AS2550-10
Overload :					
- Lifting excessive load	Low	Yes		Set lift relief to rated platform load	Place warning in operational manual
- Loading a raised platform	Moderate	Yes		place in operator training	Place in operations training manual
Hydraulic cylinder structural failure	Low	Yes		Inspection 3 monthly / yearly	Inspect as per AS2550-10

