

# RISK ASSESSMENT OF PLANT

## Almacrawler Self-Propelled Scissor Lifts

MODEL	MAXIMUM WORKING HEIGHT	MAX WORKING LOAD	YEAR OF MANUFACTURE
Athena 850HE	8m	250kg	2016 onward
Athena 850BL	8m	250kg	2016 onward
Athena 850EVO	8m	250kg	2016 onward
Athena 1090EVO	10m	300kg	2016 onward

INDOOR / OUTDOOR USE

POWER SOURCE:  
COMBUSTION/ELECTRIC

**HAZARD TYPE (GROUP)**  
**AS REFERRED TO IN THE RISK ASSESSMENT**

- 1. OPERATION**
- 2. STATUTORY REQUIREMENTS**
- 3. DESIGN**
- 4. STABILITY**
- 5. ELECTRICAL**
- 6. TRANSPORT & HANDLING**
- 7. MAINTENANCE**
- 8. OTHERS**

**NOTES**

**CONSIDER THE CONTROL MEASURES IN THE FOLLOWING ORDER.**

**1. ELIMINATE THE HAZARD OR PREVENT THE RISK.**

**OR**

**2. IF ELIMINATING THE HAZARD OR PREVENTING THE RISK IS NOT POSSIBLE, MINIMIZING THE RISK BY MEASURES THAT MUST BE CONSIDERED IN THE FOLLOWING ORDER.**

**(a) SUBSTITUTING THE HAZARD GIVING RISE TO THE RISK WITH A HAZARD GIVING RISE TO A LESSER RISK.**

**(b) ISOLATING THE HAZARD GIVING RISE TO THE RISK FROM ANYONE WHO MAY BE AT RISK.**

**(c) MINIMIZING THE RISK BY ENGINEERING MEANS.**

**(d) APPLYING ADMINISTRATIVE (MANAGEMENT) MEASURES. (e) USING PPE (PERSONAL PROTECTIVE EQUIPMENT).**

**3. A HAZARD IS SOMETHING WITH THE POTENTIAL TO CAUSE HARM.**

**A RISK IS THE LIKELIHOOD THAT DEATH, INJURY OR ILLNESS MIGHT RESULT BECAUSE OF THE HAZARD.**

# ALL CRANE & HOIST CONSULTING & INSPECTION SERVICES – RISK MATRIX AND NOTES

Page No. 2

## RISK CALCULATOR

1. Select chance that hazard may occur (1-5)
2. Select consequence of hazard occurring (A-F)
3. Enter Risk Rating Matrix and obtain risk level.
4. Based on risk level decide how to control risk.

## CHANCE

1. Expected
2. Often
3. Sometimes
4. Rarely
5. Highly Unlikely

## CONSEQUENCE

- A Death
- B Permanent Disability
- C Lost Time Injury
- D Medical Treatment
- E First Aid Treatment
- F None



## CONSEQUENCE OF HAZARD OCCURRING

## RISK RATING MATRIX

		A	B	C	D	E	F
<b>CHANCE OF HAZARD OCCURRING</b>	1	HIGH	HIGH	HIGH	MEDIUM	MEDIUM	LOW
	2	HIGH	HIGH	MEDIUM	MEDIUM	LOW	LOW
	3	HIGH	MEDIUM	MEDIUM	LOW	LOW	LOW
	4	MEDIUM	MEDIUM	LOW	LOW	LOW	LOW
	5	MEDIUM	LOW	LOW	LOW	LOW	LOW

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**PAGE NO:** 3

**PLANT DESCRIPTION:** *Self Propelled Scissor Lift*

**POWER SOURCE:** *Combustion/Electric*

**ORGANISATION:** Almac-Pacific

**ASSESSMENT CONDUCTED BY:** *All Crane & Hoist*

*Consulting & Inspection Services*

**RISK ASSESSMENT METHOD USED:** *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured or injure others while operating the machine without sufficient instruction, training and information.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an operator's manual which should be retained in the storage container located on the platform.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator performs duties that are not his/her responsibility and are beyond the scope of his/her technical capabilities.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed not to carry out any work that is outside his/her normal duties and report any matters of concern to his/her supervisor.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator is unfamiliar with unsafe conditions and hazards that could affect the safe operation of the machine.</i>	<i>HIGH (2-A)</i>		<i>Management should ensure that the operator is trained in determining unsafe conditions and hazards that are relative to the machine's safe operation.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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1	<i>Persons could be injured if the operator of the machine is unfamiliar with the working environment.</i>	<i>HIGH (2-B)</i>		<i>Management should ensure that the operator is instructed to inspect the area where the machine is intended to be operated prior to commencing work and also to establish if there are any specific local site requirements.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator has not been trained in the safe use and limitations of the machine.</i>	<i>HIGH (2-B)</i>	<i>The manufacturer has provided an emergency stop button on the platform control panel.</i>	<i>Management should ensure that the operator is instructed to check that the emergency stop button is functioning correctly is clear and accessible at all times. Details of his/her inspection should be noted in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if a poor system of work in relation to the operation of this machine is being followed.</i>	<i>HIGH (2-B)</i>		<i>A system of work based on the machine manufacturers operating instructions should be prepared by management and be adhered to at all time by the operator.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine is known to be faulty and is operated and left in service.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided a service manual.</i>	<i>A "DANGER DO NOT USE" sign should be attached to the machine by an authorised person, signed and dated. The operator should be instructed by management that while such tags are attached to the machine it must not be used until the tag is removed by a suitably qualified person.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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1	<i>Persons could be injured if a machine that has a "DANGER DO NOT USE" tag attached is operated.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed that the machine shall not be used until the tag is removed by a suitably qualified person.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured by the machine operating in poor condition as a result of general wear and tear.</i>	<i>MEDIUM (3-C)</i>	<i>The manufacturer has provided a parts manual.</i>	<i>Management should ensure that the operator is instructed to check the machine for faults prior to commencing work and if they are serious, report them immediately otherwise record them in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine was subjected to structural, mechanical or corrosive damage and it was not noticed.</i>	<i>LOW (4-D)</i>	<i>The manufacturer has set out routine maintenance items that the operator must complete before commencing work.</i>	<i>Management should ensure that the operator is instructed to carry out the routine maintenance items on the machine as required. The result should be recorded in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine was permitted to fall into disrepair due to age and general use.</i>	<i>LOW (3-E)</i>		<i>A maintenance/log book should be provided and regular entries be made within. Management should advise the operator that the machine must be regularly inspected, serviced and maintained. At the end of ten years of operation and each five years thereafter the machine must be thoroughly inspected and maintained in accordance with the Australian Standard AS 2550.10.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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1	<i>Persons could be injured if the controls on the machine could remain in the "on" position when the control device is released.</i>	<i>MEDIUM (4-C)</i>	<i>The manufacturer has provided "automatic return to neutral" upon release of the controls with the exception of the emergency stop buttons.</i>	<i>Management should ensure that the operator is instructed in the use of the controls.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the controls cease to function correctly.</i>	<i>MEDIUM (4-C)</i>	<i>The manufacturer has provided within the operator's manual a series of function tests to be carried out to ensure the safe operation of the machine.</i>	<i>Management should ensure that the operator is instructed to carry out all function tests prior to commencing operations. A maintenance/log book should be provided and all results should be recorded therein.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator inadvertently activated a control device (button, lever or pedal) in error.</i>	<i>MEDIUM (3-C)</i>	<i>The manufacturer has designed the controls in such manner as to prevent inadvertent activation.</i>	<i>Management should ensure that the operator is instructed to take care at all times while operating the control system.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator could not stop the machine in an emergency.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an emergency stop button on the platform control.</i>	<i>Management should ensure that the operator is instructed to check that the emergency stop button is operational and is clear and accessible at all times. Details of his/her inspection should be noted in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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1	<i>Persons could be injured if the controls of the machine were jammed, taped or fixed in any position.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to check the controls prior to commencing work and if they are stuck or do not move freely report the matter to a supervisor. Record the findings of the inspection in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the platform control panel became unstable or fell on to the platform deck.</i>	<i>LOW (3-E)</i>	<i>The manufacturer has provided a proper fixing for the platform control panel to the platform.</i>	<i>Management should ensure that the operator is instructed to ensure that the platform control panel remains in its designated place at all times.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator could not stop the machine in an emergency due to the failure of the platform control panel emergency stop button.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an emergency stop button at the ground control panel.</i>	<i>Management should ensure that a reliable and effective method of communication between the operator and ground personnel is in place. Management should ensure that emergency retrievable plan is in place and appropriate personnel are instructed how to operate the ground controls.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if any of the machine limits or safety devices are disabled.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an operator's manual in a container on the platform. The manual outlines the function tests that should be carried out prior to commencing operations. The safety devices on this machine are as required in AS 1418.10.</i>	<i>Management should ensure that the operator is instructed to check that all limits and safety devices are functioning correctly prior to commencing operations. The results of the inspection should be recorded in the maintenance log/book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	



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1	<i>Persons could be injured if the machine is used to exceed its nominated maximum rated capacity (M.R.C.) at the maximum platform height.</i>	<i>HIGH (3-A)</i>	<i>A notice has been provided by the manufacturer setting out the maximum rated capacity (M.R.C.) of the machine as being 250 kg at maximum platform height.</i>	<i>Management should ensure that the operator is instructed to ensure that the nominated M.R.C. is not exceeded at the maximum platform height. The weight of all people, tools and materials must be considered at all times.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the M.R.C. of the platform is exceeded.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an overload warning device. When an overload occurs the motor will stop and the platform controls will not operate.</i>	<i>Management should ensure that the operator is instructed as to the purpose of the overload warning system and how to take the appropriate remedial action.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the nominated M.R.C. of the platform extension is exceeded.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has specified the maximum loading applicable to the platform extension as being 250 kg and is part of the total M.R.C. .</i>	<i>Management should ensure that the operator is instructed to ensure that the nominated M.R.C. of the platform extension which forms part of the total M.R.C. is not exceeded.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the nominated M.R.C. of the platform at any of the intermediate height ranges is not known and exceeded.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has nominated the M.R.C. of the platform at various intermediate heights. The manufacturer has provided a capacity (M.R.C.) indicator on the platform.</i>	<i>Management should ensure that the operator is instructed to ensure that the nominated M.R.C. of the platform at intermediate heights is not exceeded and to be aware of the capacity indicator system.</i>	<i>LOW (5-F)</i>	<i>\Yes</i>	

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1	<i>Persons could be injured if the platform extension is not locked in place and the main platform moves.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided lock to maintain the location of the platform extension.</i>	<i>Management should ensure that the operator is instructed how to use the platform extension lock and that it must be put in place whenever the platform is extended. The operator must not stand on the extension while extending it.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the number of persons on the platform exceeds the manufacturer's recommendations while working outdoors.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has specified a maximum of two persons only are allowed within the platform while working outdoors.</i>	<i>Management should ensure that the operator is instructed to ensure that no more than two persons are within the platform when operating outdoors.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the number of persons on the platform exceeds the manufacturer's recommendation while working indoors.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has specified a maximum of two persons only are allowed within the platform while working indoors.</i>	<i>Management should ensure that the operator is instructed to ensure that no more than two persons are within the platform when working indoors.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator drives the machine over soft or uneven surfaces with the platform elevated.</i>	<i>HIGH (2-B)</i>	<i>The manufacturer has installed interlocks to prevent limited misuse. The manufacturer has stated in the operators manual that when the platform is elevated the speed <u>must</u> not exceed 2.00 km/h.</i>	<i>Management should ensure that the operator is instructed that the purpose of a rough terrain machine is for it to be capable of travelling on reasonably soft or uneven surfaces in order to reach the required location <u>prior</u> to elevating the platform.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the safety devices on the machine are not adequate.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided safety devices the machine as required by AS 1418.10.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	

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1	<i>Persons could be injured if the machine is operated upon a surface or adjacent to a pit wall which may not sustain its operating weight.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided floor loading information in the operator's manual.</i>	<i>Management should ensure that the operator is instructed to check with his/her supervisor or an engineer prior to operating on any area that does not have a known solid level surface.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if a machine slips and/or skids in wet and/or slippery conditions.</i>	<i>MEDIUM (3-C)</i>	<i>The manufacturer has provided suitable tracks on the machine.</i>	<i>Management should ensure that the operator is instructed that the manufacturers tracks specified are installed.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine becomes unstable due to its supporting surface collapsing or being washed away.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator is instructed to check with his/her supervisor or an engineer prior to operating on any area that does not have a known solid level surface.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if additional height reaching equipment (ladders, boxes etc.) is used to provide additional reach.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to ensure the machine is positioned such that all work may be completed with both of the occupant's feet on the platform floor.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine is set up under hazardous conditions.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed not to set the machine up under doubtful or hazardous conditions.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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1	<i>Persons could be injured if the machine tips over due to side forces being applied at platform level while working outdoors.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer specifies the maximum allowable side force that may be applied is 200 N while working outdoors</i>	<i>Management should ensure that the operator is instructed not to push away from or pull towards any items outside the platform area.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine tips over due to side force being applied at platform level while working indoors.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer specified the maximum allowable side force that may be applied while working indoors is 400 N.</i>	<i>Management should ensure that the operator is instructed not to push or pull towards any item outside the platform area.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine tips over due to items being placed against it.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed not to allow items such as ladders etc. to be placed against any part of the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the handrail system including the gate is in poor condition.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided a folding type handrail system with a gate. This is provided for ease of transportation and access into limited height areas.</i>	<i>Management should ensure that the operator is instructed to visually check that the handrail is not damaged and that the gate closes automatically. Details of his/her inspection should be recorded in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator was not able to lower the platform as the result of the main power source failure.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an emergency lowering down knob at behind the entry ladder at ground level.</i>	<i>Management should ensure that the operator is instructed that a reliable and effective communication system is in place with ground personnel regarding activating the emergency lowering down system.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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1	<i>Persons could be injured if the machine travels on a slope, a ramp or under any other similar circumstances while platform is stowed.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has specified the maximum gradability allowed for the machine with the platform stowed as 35% (20 degrees) for longitudinal and 28% (15degrees) for lateral slopes.</i>	<i>Management should ensure that prior to travelling up a grade the operator is instructed to ensure that the platform is in its stowed position and that the gradient does not exceed the manufactures maximum gradability specifications.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine attempts to travel up a slope or a ramp while the platform is elevated.</i>	<i>HIGH (3-A)</i>	<i>A tilt alarm is provided to stop travel function and sound if the angle of the chassis exceeds the manufacturer's specifications while the platform is elevated.</i>	<i>Management should ensure that the operator is instructed not to attempt to travel on any incline in excess of the manufacturer's specification while the platform is elevated.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine is operated while on a mobile surface or a vehicle.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed that the machine must only be operated when it is on a static firm level surface.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine was driven on a surface which was not adequate to support the track loads and tips.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided floor loading information in the operator's manual.</i>	<i>Management should ensure that the operator is instructed to check with his/her supervisor or engineer prior to driving on any area that does not have a solid, level surface.</i>	<i>LOW (5F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 13

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the machine attempted to ascend/descend an incline at high speed.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed that while ascending/descending a grade he/she should only be using low speed with the platform stowed.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the platform was elevated and the operator attempts to tilt while the tilt alarm should be or is sounding.</i>	<i>HIGH (3-A)</i>	<i>An interlock is provided by the manufacturer to only permit motions which will allow the platform to return to the stowed position.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the platform of the machine was raised extremely fast.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has controlled the maximum speed for ascent by providing flow control valves.</i>	<i>Management should ensure that the operator and the maintenance personnel are instructed not to tamper with or modify the speeds as set by the manufacturer. The platform should be raised at a slow speed only.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator uses the controls in an abrupt manner.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to test all controls slowly and gently.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 14

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the controls cease to function correctly.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided function tests required to be carried out prior to commencing work. These tests are contained in the operator's manual.</i>	<i>Management should ensure that the operator is instructed to test all controls prior to commencing operations. The results should be recorded in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they were unaware that the platform was being lowered.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an audible descent alarm.</i>	<i>Management should ensure that the operator is instructed to check to ensure that the descent alarm is functioning when the platform is descending. The operator should ensure that the area below the platform is clear of all persons and other items prior to descending.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if a platform deck is left dirty, greasy or untidy.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator is instructed to ensure that the floor/deck area is tidy and grease/dirt free as far as practicable and to leave it clean for the next operator.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the platform control panel was inadvertently moved due to being caught and dragged by the operator's loose clothing.</i>	<i>MEDIUM (3-C)</i>	<i>The manufacturer has provided a proper fixing for the platform control panel to the platform.</i>	<i>Management should ensure that the operator is instructed to wear clothing appropriate to his/her duties i.e. close fitting.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 15

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the operator is under the influence of alcohol or drugs.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed that driving while under the influence of alcohol or drugs is prohibited.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator's performance is inhibited by poor health or medication with side effects.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed that he/she must report to a supervisor if he/she is suffering poor health and their safe operating performance could be affected.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator's performance was inhibited by excessive fatigue.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed that he/she must report to a supervisor if the/she is suffering fatigue and their safe operating performance could be affected.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured by slipping during access and egress from the machine.</i>	<i>MEDIUM (2-C)</i>	<i>The manufacturer has provided an entry ladder access to the platform.</i>	<i>Managements should ensure that the operator is instructed to ensure that the ladder, foot plates and hand holds are kept free and clean of mud and oil.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	



## RISK ASSESSMENT OF PLANT

PAGE NO: 16

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the machine is left unattended without being properly shut down and made secure.</i>	<i>HIGH (2-B)</i>	<i>The manufacturer has provided a key switch on the ground control panel.</i>	<i>Management should ensure that the operator is instructed to make the machine safe, secure, switched off and to remove the key prior to leaving the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured when entering or leaving the machine when it is in an elevated position.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to not enter or exit platform unless the machine is in the stowed position.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they attempt to exit the platform should the power source fail to function.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an emergency lowering system, the location and operation of this system are outlined in the operator's manual.</i>	<i>Management should ensure that a reliable and effective method of communication between operation and ground personnel is in place. Management should ensure that an emergency retrieval plan is in place and appropriate personnel are instructed how to operate emergency lowering device.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

**PAGE NO:** 17

**PLANT DESCRIPTION:** *Self Propelled Scissor Lift*

**POWER SOURCE:** *Combustion/Electric*

**ORGANISATION:** Almac-Pacific

**ASSESSMENT CONDUCTED BY:** *All Crane & Hoist*

*Consulting & Inspection Services*

**RISK ASSESSMENT METHOD USED:** *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL )	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if they attempt to descend or ascend by means of climbing on the scissor arms.</i>	<i>MEDIUM (4-A)</i>		<i>Management should ensure that the operator is instructed to ensure that no person climbs on the scissor arms.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if any parts of the platform guardrails are removed.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed that the removal of any part of the guardrails is prohibited.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they climb over the guardrails.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided a gate at the end of the platform.</i>	<i>Management should ensure that the operator is instructed to ensure that all persons enter or exit platform in stowed position using the gate.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if planks are fixed onto the guardrails.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed not to permit or secure planks or other flat materials to the guardrails for any purpose.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 18

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if they climb upon the guardrails.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to ensure that persons do not climb upon the guardrails.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they fell from an elevated platform.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided a guardrail system and anchorages to which safety lanyards and harnesses may be attached. The anchorages have been designed and tested to AS 1418.10.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the gate is left open and provides an opening.</i>	<i>HIGH (3-A)</i>	<i>A self closing gate has been provided by the manufacturer.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the gate is left due to a malfunction of the self locking device.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to check that the gate and its locking device operate in a satisfactory manner. The results should be recorded within the maintenance log/book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 19

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the gate is structurally damaged and does not shut.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to check that the gate and its locking device operate in a satisfactory manner. The results should be recorded within the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the folding guardrails were not securely connected together.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to secure all guardrail connections as outlined in the operator's manual prior to commencing work.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons may be injured if they were struck by the moving machine.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an audible travel alarm and flashing beacon.</i>	<i>Management should ensure that the operator is instructed to check that the travel alarm and flashing beacon are operating. Barricade the machines work area from all pedestrians.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be crushed or injured by an unexpected movement of the machine.</i>	<i>HIGH (3-A)</i>	<i>All controls have been clearly designated as to their function by the manufacturer.</i>	<i>Management should ensure that the operator is instructed that all care must be taken while operating the controls.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 20

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be crushed by the machine tipping or rolling over upon a poor surface.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to ask his/her supervisor for an Engineering Assessment of any operating surfaces that appear soft. Operators should be instructed to operate only on solid level surfaces within the capacity and the recommended uses of the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if welding equipment is being used and the machine becomes a conductor to earth.</i>	<i>LOW (4-C)</i>	<i>The manufacturer stated that the machine must not be used as an earth (work return) for welding.</i>	<i>Management should ensure that the operator is instructed to ensure that all welding cables are connected correctly prior to commencing any work from the platform.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured by the machine colliding with another vehicle.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided a warning device (horn) on the platform control panel.</i>	<i>Management should ensure that the operator is instructed to travel at a safe distance from other vehicles and to always remain in constant control and to use the horn as required.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine power source discontinued/failed e.g. flat battery.</i>	<i>MEDIUM (3-C)</i>	<i>The manufacturer has provided a battery charge level indicator on the platform control panel.</i>	<i>Management should ensure that the operator is instructed to check the battery charge status prior to commencing operations.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the result of charging the battery with the battery compartment cover is closed.</i>	<i>MEDIUM (3-C)</i>	<i>The manufacturer states in the operator's manual that the battery compartment covers must remain open during the entire charging cycle.</i>	<i>Management should ensure that the operator is instructed to ensure that the battery compartment cover remain open during the charging cycle.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 21

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>While operating on an incline, a poorly placed load on the platform could tip the machine over and injure persons.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to check the condition of the surface and use caution particularly prior to receiving a load. Loads should be evenly distributed over the floor.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they or the platform foul an overhead installation.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to familiarise him/herself with overhead installations in the work area and to travel with the platform as low as possible.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they could not receive immediate attention in an emergency situation.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed not to work alone at any time and to ensure that a reliable and effective method of communication between the operator and ground personnel is in place. Management should ensure that an emergency retrieval plan is in place and appropriate personnel are instructed how to operate the emergency lowering device.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 22

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if a person ties or anchors the machine to a nearby structure or vehicle.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to always check the machine before moving to ensure that it is not secured to another object in any way.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine became unstable due to an incorrect type or size of tracks being fitted.</i>	<i>MEDIUM (4-B)</i>	<i>The manufacturer has specified within the service manual the correct type of track size.</i>	<i>Management should ensure that the operator is instructed to ensure that the correct tracks are fitted prior to commencing operations.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine became unstable due to damaged tracks.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator is instructed to check tracks for cuts and other damage prior to commencing operations.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

**PAGE NO:** 23

**PLANT DESCRIPTION:** *Self Propelled Scissor Lift*

**POWER SOURCE:** *Combustion/Electric*

**ORGANISATION:** Almac-Pacific

**ASSESSMENT CONDUCTED BY:** *All Crane & Hoist*

*Consulting & Inspection Services*

**RISK ASSESSMENT METHOD USED:** *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the machine travels under an overhead obstruction.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to travel slowly at all times and be on the look out to avoid overhead obstructions.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine travels at high speed under an overhead obstruction.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has specified the maximum speed for the machines travel with the platform stowed.</i>	<i>Management should ensure that the operator is instructed to travel slowly at all times and be on the look out to avoid overhead obstructions.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	



## RISK ASSESSMENT OF PLANT

PAGE NO: 24

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the machine travels at high speed.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has specified the maximum speed for the machines travel. Platform stowed – 2.0 km/h Platform elevated – 0.8 km/h</i>	<i>Management should ensure that the operator is instructed to travel slowly and cautiously at all times.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine is turned at high speed.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to ensure that the machine is turned only at a safe speed i.e. the sharper the turn – the slower the speed. Care must be taken at all times.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons travelling on the platform could be injured if the machine is turned abruptly.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to ensure that the machine is turned only at a safe speed i.e. the sharper the turn – the slower the speed. Care must be taken at all times.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the ground controls were operated while persons were elevated.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed not to operate ground controls with personnel in platform unless it is an emergency situation.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 25

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the machine tipped due to excessive winds while working outdoors.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has rated the machine to withstand winds up to a maximum of 12.5 m/s as stated on the specification plate.</i>	<i>Management should ensure that the operator is instructed not to elevate the platform in winds or draft prone areas where the wind may exceed 12.5 m/s.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machines steering mechanism fails due to wear or some other form of damage.</i>	<i>MEDIUM (4-B)</i>		<i>Management should ensure that the operator is instructed to check the machine steering mechanism prior to operating the machine. Record the results in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they are in close proximity to the machine when it moves.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an audible travel alarm and a warning device (horn) on the platform control panel.</i>	<i>Management should ensure that the operator is instructed to ensure that all ground personnel are at least 2 m (6 ft) away from the machine prior to moving it.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator cannot see where the machine is going.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed not to drive the machine unless he/she has clear vision of the chosen path for the machine or has the services of a competent guide.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 26

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the machine is operated in a location where potential flammable or explosive gases or particles may be present.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to ensure that the intended work location is free of potential explosive hazards before commencing operations.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they were not aware the machine power source was activated.</i>	<i>LOW (4-F)</i>	<i>The manufacturer has provided a green indicator light on the platform control panel to show "power on".</i>	<i>Management should ensure that the operator is instructed to check to ensure that the power indicator light is functioning prior to commencing work.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if an unauthorised deck extension was added to the platform.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed not to increase the size of the deck or platform in excess of the area provided by the manufacturer.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if a minor cut or abrasion on their person became infected.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that a first aid kit is provided in a nearby known location and instructed on its use.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 27

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if a heavy load was placed on one side of the platform.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has specified the maximum loading allowable for the platform and its extension.</i>	<i>Management should ensure that the operator is instructed to distribute platform loads evenly over the floor.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if loads are hung from the guardrails or the platform.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed not to hang any load over the side of the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the platform or the persons within were struck by an overhead crane.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to turn off the main crane isolator of any overhead crane working above the machine and remove the key from the switch lock of the crane isolator switch.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine was struck by another floor operating machine.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided flashing beacon.</i>	<i>Management should ensure that the operator is instructed to set up barricades in areas where other machines are operating nearby.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 28

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the controls were interfered with by adjacent obstacles.</i>	<i>MEDIUM (3-C)</i>	<i>The manufacturer has provided suitable protection about the controls.</i>	<i>Management should ensure that the operator is instructed to take extreme caution regarding the position and clearances about the controls at all times.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured by power tools hanging from the platform or guardrails.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator instructed to ensure that all tools are contained within the confines of the platform and that power tools are not hung from the platform or guardrails.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the platform control panel, instruction signs or warning decals are damaged in a hostile environment.</i>	<i>LOW (3-F)</i>	<i>The manufacturer has nominated in the operator's manual the content and the location of all instruction signs and warning decals.</i>	<i>Management should ensure that the operator is instructed to check that all instruction signs and warning decals are in place and legible before commencing work.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if personal protective equipment is not available or being used when working in an unsatisfactory work environment e.g. noise, heat, fumes, etc.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator is instructed to ensure that appropriate personal protective equipment is available, is in good condition and worn prior to commencing work.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 29

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the operator's vision is impaired by sunlight, bright lights or colours in close proximity.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator is instructed to wear sunglasses or another form of suitable eye protection when necessary.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator is distracted by external noise.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator is instructed to wear suitable ear protection when necessary.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the operator is distracted by the operating noise of the machine.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator is instructed to wear suitable ear protection when necessary.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could have their hands injured while working from the platform.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that these personnel are instructed to obtain and wear suitable gloves.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

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PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured in the event of a fire.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that there is an appropriate type fire extinguisher in the work area and to instruct the operator how to use the fire extinguisher.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they are working in an area where other persons are working overhead.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to leave the area where other persons are working above the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured by allowing parts of their body to protrude outside the confines of the machine's platform.</i>	<i>MEDIUM (3-B)</i>	<i>Guardrails have been set up around the perimeter of the platform.</i>	<i>Management should ensure that the operator is instructed to ensure that all persons stay within the confines of the machine platform at all times.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if equipment etc falls from the machine.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to ensure that all equipment is secured within the confines of the platform with no articles hanging over or projecting outside the platform area.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if stunt driving or horseplay is engaged in.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to behave responsibly at all times.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

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PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured by stepping into the path of the moving machine.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided a warning device (horn) on the platform control panel.</i>	<i>Management should ensure that the operator is instructed to always expect the unexpected and be aware of blind spots. The horn should be used as required.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured by a machine with an operator who is not concentrating.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to stay alert and concentrate on his/her driving at all times.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if struck by the upward movement of the machine's platform.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided a flashing beacon.</i>	<i>Management should ensure that the operator is instructed to be aware of all overhead items and to ensure that the warning device is operative at all times and record details in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	



## RISK ASSESSMENT OF PLANT

PAGE NO: 32

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the machine is operated in strong wind conditions or in draft prone areas. Materials could be blown from the platform.</i>	<i>HIGH (2-A)</i>		<i>Management should ensure that the operator is instructed to cease operations in windy conditions until it is safe continue.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if they are crushed between the moving machines and fixed plant or object.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an audible travel alarm.</i>	<i>Management should ensure that the operator is instructed to ensure that the flashing beacons are operational at all times and record the details in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured by the machine failing to sustain its load.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has specified the maximum capacity of the machine.</i>	<i>Management should ensure that the operator is instructed to carry out inspections and to record the details in the maintenance/log book. If any faults exist advise a supervisor immediately.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if equipment falls from the machines platform.</i>	<i>MEDIUM (3-C)</i>	<i>The manufacturer has provided a guardrail and a lower toe board on the platform deck.</i>	<i>Management should ensure that the operator is instructed to ensure that all equipment is secured within the confines of the platform.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 33

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the scissor arms collapse structurally due to damage while the machine is in the elevated position.</i>	<i>MEDIUM (4-B)</i>		<i>Management should ensure that the operator is instructed to visually inspect scissor arms for damage or distortion (in the elevated position) prior to personnel using the machine. Record the results in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if a piece of foreign material was placed or fell within the scissors prior to the machine lowering.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed not to set up the machine in an area where projecting pieces of material are located and that he/she should check that the scissors are clear of any obstructions prior to lowering the platform.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 34

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the machine is operated with oil or fluid leaks.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator is instructed to ensure that the machine is checked and is free from oil or fluid leaks on a daily basis and to enter any such deficiencies in the maintenance/log book. Serious matters should be reported to the supervisor immediately.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the brakes on the machine fail to function correctly due to wear and tear or are not re-engaged after winching machine.</i>	<i>MEDIUM (3-B)</i>	<i>The manufacturer has provided function tests required to be carried out prior to commencing work. These tests are outlined in the operator's manual.</i>	<i>Management should ensure that the operator is instructed to carry out all function tests prior to commencing work. If they are not operating efficiently report the matter to the supervisor immediately. Register the results of the examination in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 35

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
1	<i>Persons could be injured if the battery is charged in a confined area.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the person responsible for charging the battery is instructed to ensure that this operation is only carried out in a well-ventilated and dry area.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured while checking and topping up the battery if a naked flame or an open power source is present within the area.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator and the maintenance personnel are instructed to ensure that "NO SMOKING" signs are set up while charging or checking the battery. The engine should also be switched off.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
1	<i>Persons could be injured if the machine is parked on a public road or place at night.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to ensure that the platform is lowered and that night warning lights and signs are set up surrounding the machine and the key is removed.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

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POWER SOURCE: *Combustion/Electric*

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ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
2	<i>Persons could be injured if the machine has not been checked and tested in accordance with the Australian Standards checklist prior to the start of each shift.</i>	<i>HIGH (2-A)</i>		<i>Management should ensure that the operator or a competent person is instructed to check and test the machine in accordance with the Australian Standards checklist and record the findings in the machines maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
2	<i>Persons could be injured if the design and the ability of the machine did not satisfy the requirements of the Statutory Authority.</i>	<i>HIGH (2-A)</i>		<i>A specification plate is required and must be permanently fixed to the machine. Management should ensure that the operator is instructed to ensure that this plate is kept clean, legible and is not removed for any reason.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
2	<i>Persons could be injured if the machine did not comply with the appropriate Australian Standards for the operation of the machine.</i>	<i>HIGH (4-C)</i>	<i>The machine has been satisfactorily tested for compliance with Australian Standard AS 1418.10.</i>	<i>A specification plate is required and must be permanently fixed to the machine. Management should ensure that the operator is instructed to ensure that this plate is kept clean and legible and is not removed for any reason.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
2	<i>Persons could be injured if the machine was not confirmed by testing in accordance with the requirements of the Statutory Authority.</i>	<i>HIGH (2-A)</i>	<i>The machine has been tested for both strength and stability and a Certificate of Test issued.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 37

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
3	<i>Persons could be injured if the machine failed or collapsed due to a design fault.</i>	<i>HIGH (2-A)</i>	<i>The machine has been designed by competent engineers in accordance with several recognised published technical standards and Australian Standard AS 1418.10. A specification plate on the machine contains this information.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	
3	<i>Persons could be injured if the controls are not clearly marked to show their correct functions.</i>	<i>MEDIUM (4-B)</i>	<i>The manufacturer has identified all controls on the respective control panel or in the operator's manual.</i>	<i>Management should ensure that the operator is instructed to check that the identification of each control is in place and legible. Details of his/her inspection should be noted in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
3	<i>Persons could be injured if the hydraulic pressure could not be maintained in the elevating system following a line failure.</i>	<i>LOW (4-E)</i>	<i>The manufacturer has provided a lock valve on the lift cylinder.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	
3	<i>Persons could be injured if a hydraulic cylinder failed by bursting.</i>	<i>LOW (4-E)</i>	<i>The manufacturer has applied a minimum F.O.S. of 4 (relative to normal working pressure) within the design of the hydraulic cylinders.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 38

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
3	<i>Persons could be injured if a machine is operating in a manner other than for which it was designed and intended by the manufacturer.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an operator's manual. This manual prohibits any other such operation.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	
3	<i>Persons could be injured if the machine has been modified from its original design.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed that any modification to the machine must be approved by the manufacturer.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
3	<i>Persons could be injured if the hydraulic system failed due to an overload.</i>	<i>LOW (4-E)</i>	<i>The manufacturer has provided a relief valve within the system to limit the hydraulic pressure.</i>		<i>LOW ((5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

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PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
4	<i>Persons could be injured if the machine tipped due to the supporting structure beneath the tracks being incapable of withstanding the loads imposed by the machine e.g. suspended concrete slab or wharf.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has nominated the weight of the machine on specification plate and the floor loading information in the operator's manual.</i>	<i>Management should ensure that the operator is instructed that prior to setting up the machine upon a structure or a surface about which its supporting adequacy has not been properly confirmed he/she must consult his/her supervisor or an engineer.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
4	<i>Persons could be injured if the machine tipped due to the roadway, footpath or kerbing collapsing beneath the tracks.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to inspect where the tracks will make contact with the ground. Where necessary place adequate timbers, dunnage or steel plates beneath the tracks in order to distribute the load. If in doubt seek the advice of a supervisor or an engineer.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
4	<i>Persons could be injured if the machine tipped due to the tracks being set near a shoulder in the roads, excavation or upon landfill.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to inspect where the tracks will make contact with the ground. Where necessary place adequate timbers, dunnage or steel pates beneath the tracks in order to distribute the load. If in doubt seek the advice of a supervisor or an engineer.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	



## RISK ASSESSMENT OF PLANT

**PAGE NO:** 40

**PLANT DESCRIPTION:** *Self Propelled Scissor Lift*

**POWER SOURCE:** *Combustion/Electric*

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**ASSESSMENT CONDUCTED BY:** *All Crane & Hoist*

*Consulting & Inspection Services*

**RISK ASSESSMENT METHOD USED:** *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
4	<i>Persons could be injured if the machine tipped due to the tracks being set upon a surface that had the soil eroded away by water leaving a void.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to inspect where the tracks will make contact with the ground. Where necessary place adequate timbers, dunnage or steel plates beneath the tracks in order to distribute the load. If in doubt seek the advice of a supervisor or an engineer who should investigate the matter and if necessary should consult with the local municipal authorities.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
4	<i>Persons could be injured and the machine tipped as the result of the counterweight system being alerted.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer states in the operator's manual that the battery system is part of the counter weight system.</i>	<i>Management should ensure that the operator is instructed that if batteries are replaced they must be as per the manufacturer's specification.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
4	<i>Persons could be injured and the machine tipped as the result of the counterweight system being altered.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer states in the operator's manual not to replace items critical to the machines stability with items of a different weight or specification.</i>	<i>Management must ensure that the operator is instructed not to replace any items critical to the machines stability or specification.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

**PAGE NO:** 41

**PLANT DESCRIPTION:** *Self Propelled Scissor Lift*

**POWER SOURCE:** *Combustion/Electric*

**ORGANISATION:** Almac-Pacific

**ASSESSMENT CONDUCTED BY:** *All Crane & Hoist*

*Consulting & Inspection Services*

**RISK ASSESSMENT METHOD USED:** *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
4	<i>Persons could be injured if the machine became unstable or tipped as the result of the wind catchment area being increased while working outdoors, e.g. notice boards/banners, etc.</i>	<i>HIGH (2-A)</i>		<i>Management should ensure that the operator instructed not to increase the wind catchment area of the machine at any time, e.g. banners, etc.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
4	<i>Persons could be injured if the machine moved or became unstable as the result of it not being correctly supported on the tracks.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to ensure that all the tracks must be in complete contact with the supporting surface at all times while the machine is being used.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 42

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
5	<i>Persons could be injured if the machine makes contact with or is in proximity to overhead power lines on poles.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has affixed a decal to machine which specifies minimum clearances around overhead power lines.</i>	<i>Management should ensure that the operator is instructed to ensure that the minimum clearance between the machine and overhead power lines on poles is 3 m on each side and 3 m from the bottom. Any part of the machine or its components are not permitted anywhere above the power lines on poles. A competent spotter is required for the sole task of observing and warning against any unsafe approach to the overhead power lines on poles and any other electrical apparatus between 3 m and 6.4 m of overhead power lines on poles.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
5	<i>Persons could be injured if the machine makes contact with or is in proximity to overhead power lines on towers.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has affixed a decal to machine which specifies minimum clearances around overhead power lines.</i>	<i>Management must ensure that the operator is instructed to ensure that the minimum clearance between the machine and overhead power lines on towers is 8 m on each side and 8 m from the bottom. Any part of the machine or its components are not permitted anywhere above the power lines on towers. A competent spotter is required for the sole task of observing and warning against any unsafe approach to the overhead power lines on towers and any other electrical apparatus between 8 m and 10 m of power overhead lines on towers.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
5	<i>Persons could be injured if they were unaware that the machine is not electrically insulated.</i>	<i>HIGH (2-A)</i>	<i>A decal has been provided by the manufacturer stating that the machine is not electrically insulated.</i>	<i>Management should ensure that the operator is instructed that the machine is not electrically insulated.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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**PAGE NO:** 43

**PLANT DESCRIPTION:** *Self Propelled Scissor Lift*

**POWER SOURCE:** *Combustion/Electric*

**ORGANISATION:** Almac-Pacific

**ASSESSMENT CONDUCTED BY:** *All Crane & Hoist*

*Consulting & Inspection Services*

**RISK ASSESSMENT METHOD USED:** *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
5	<i>The operator could be injured by the machine being set up in close proximity to high power electromagnetic wave emitters e.g. radio or television transmitters.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to ensure that his/her supervisor contacts the relevant authority or company to establish if it is safe to commence working.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
5	<i>Person could be injured by a lightning strike.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is instructed to not use and stay away from the machine if thunder/lightning is observed within 10 km of the work area.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
5	<i>Persons could be injured if the electrical wiring has been modified.</i>	<i>LOW (4-C)</i>		<i>Management should ensure that the operator is instructed not to modify or permit any other person to modify the electrical wiring within the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
5	<i>Persons could be injured due to power tool extension leads hanging from the platform.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided an A.C. power point within the platform which is connected to the base via cables within the boom.</i>	<i>Management should ensure that the operator is advised of the A.C. outlet within the platform and to ensure that the connection lead to the base connection is correctly earthed.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
5	<i>Persons could be injured if the electrical power lead to the base was inadequately for its intended use.</i>	<i>High (3-A)</i>		<i>Management should ensure that the operator is instructed to ensure that all electrical leads comply with The Care of Practice for Temporary Electrical Installations in the Building and Construction Industry. The operator must ensure that the leads are not dragged or stretched while moving the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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POWER SOURCE: *Combustion/Electric*

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*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
6	<i>Persons could be injured if the machine is loaded onto a truck or trailer which is not of adequate size, proportion or strength to safely support and carry the machine.</i>	<i>MEDIUM (3-B)</i>	<i>The manufacturer has provided instructions on transporting the machine in the operator's manual. The weight of the machine is on the specification plate.</i>	<i>Management should ensure that the machine operator is instructed to establish with a supervisor that the vehicle upon which the machine is to be loaded is suitable and safe prior to loading.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if part of the machine's tracks or the frame overhangs the side of the truck or trailer.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the machine operator or the supervisor arrange with the carrier for appropriate measures to be taken regarding any overhangs e.g. flags or an escort.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the transport vehicle is not level at the time of loading.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to ensure that the transport vehicle is parked on a level surface and secured to prevent movement during loading.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the machine is unloaded from a truck or trailer onto a soft or unsafe surface.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator, supervisor or an engineer are instructed to check the terrain or the surface upon to which the machine will be unloaded upon for strength and solidity.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

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PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
6	<i>Persons could be injured if the machine was loaded or unloaded on or off a truck or trailer at high speed.</i>	<i>MEDIUM (3-B)</i>	<i>The manufacturer has nominated the maximum gradability of the machine.</i>	<i>Management should ensure that the operator is instructed to travel up and down ramps at slow speed and to exercise caution.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the machine was not properly restrained during transport.</i>	<i>MEDIUM (3-B)</i>	<i>The manufacturer has provided tie down points on the machine and tie down instructions in the operator's manual.</i>	<i>Management should ensure that the operator is instructed to ensure that the machine is secured onto the transport using the provided tie down points.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the machine is incorrectly loaded on a ramp to a truck or trailer.</i>	<i>MEDIUM (3-B)</i>	<i>The manufacturer has nominated the maximum gradability of the machine.</i>	<i>Management should ensure that the operator is instructed to ensure that the machine is loaded using a winch if the slope of the ramp exceeds the maximum gradability of the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if struck by loose items falling from the machine while it is being loaded onto transport.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to ensure that all loose items are removed from the platform prior to loading onto transport.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
6	<i>Persons could be injured while the machine is being loaded onto a truck or trailer and it becomes unstable.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to ensure that the procedure as set out in the operator's manual for loading the machine is strictly adhered to.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the machine is loaded or unloaded on or off a truck or trailer in an uncontrolled manner.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to load or unload the machine only under the direction of a competent guide.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the machine is being loaded or unloaded on or off a truck or trailer in a public area.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to set up notices, witches hats and barricades to divert and warn oncoming traffic. A flagman should also be provided.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the machine was raised or lowered to or from a higher level, or a truck using a crane.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator of the crane is instructed not to use the crane unless he/she is the holder of an appropriate Certificate of Competency to operate the crane.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

**PAGE NO:** 47

**PLANT DESCRIPTION:** *Self Propelled Scissor Lift*

**POWER SOURCE:** *Combustion/Electric*

**ORGANISATION:** Almac-Pacific

**ASSESSMENT CONDUCTED BY:** *All Crane & Hoist*

*Consulting & Inspection Services*

**RISK ASSESSMENT METHOD USED:** *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
6	<i>Persons could be injured if the machine was dropped while being suspended from a crane due to incorrect slinging.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided suitable lifting points/lugs on the machine. The location of the machines centre of gravity is in the operator's manual.</i>	<i>Management should ensure that the operator/carrier is trained in the correct method of preparing the machine to be lifted. If the slings are to be selected by him/her and the method of slinging has not been predetermined, he/she should be the holder of a Certificate to operate as a Dogman.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the weight of the machine exceeds the capacity of the crane attempting to raise or lower it due to incorrect or insufficient information regarding its weights.</i>	<i>HIGH (3-A)</i>	<i>The weight of the machine is on the specification plate.</i>	<i>Management should ensure that the crane operator is advised of the location of the centre of gravity and the mass (weight) of the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the capacity of the crane lifting the machine was insufficient.</i>	<i>HIGH (3-A)</i>		<i>The crane should have a load chart setting out its correct lifting capacity. The mass of the machine should be determined from the specification plate.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
6	<i>Persons could be injured if the machine was being lifted using a forklift and it fell.</i>	<i>HIGH (3-A)</i>	<i>The manufacturer has provided pockets within the machine's base to suit the forklift tynes.</i>	<i>Management should ensure that the operator/forklift operator is aware of the lifting provision and to use accordingly.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	



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**PAGE NO:** 48

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**ASSESSMENT CONDUCTED BY:** *All Crane & Hoist*

*Consulting & Inspection Services*

**RISK ASSESSMENT METHOD USED:** *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
7	<i>Persons could be injured if the machine is towed.</i>	<i>LOW (4-F)</i>	<i>The manufacturer does not recommend the towing of the machine.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured by the collapse of the machine if it is in poor condition due to lack of maintenance.</i>	<i>MEDIUM (4-A)</i>		<i>Management should ensure that the operator is instructed to check the machine daily before use and to report any faults to the supervisor immediately. Records must be kept in the maintenance/log book</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured while carrying out maintenance operations without a safety arm being in place between the scissor linkages.</i>	<i>MEDIUM (4-A)</i>	<i>A safety arm has been provided by the manufacturer.</i>	<i>Management should ensure that the maintenance personnel are instructed to ensure that the safety arm is in position before commencing any work in proximity to the scissor linkage.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured if the safety arm could not be located or identified.</i>	<i>MEDIUM (4-A)</i>	<i>The manufacturer has provided a decal to identify safety arm.</i>		<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured while removing or replacing the batteries.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that persons are instructed that when removing or replacing batteries that proper lifting techniques are used.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

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PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
7	<i>Persons could be injured if a piece of material such as a piece of timber was used in lieu of the safety arm.</i>	<i>MEDIUM (4-A)</i>	<i>The manufacturer has provided a safety arm.</i>	<i>Management should ensure that the maintenance personnel are instructed that they must not use improvised "prop up" or "welding" methods under any circumstances.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured if servicing, maintenance or tampering occurs while the machine is in operation.</i>	<i>MEDIUM (4-B)</i>		<i>Management should ensure that the operator is instructed to ensure that servicing and tampering etc. is not carried out while the machine is in operation.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured if the machine was started while maintenance personnel are working on it.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the maintenance personnel are instructed to remove the key from the ground control panel prior to working on the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured if liquids used to clean the machine are flammable.</i>	<i>LOW (3-D)</i>		<i>Management should ensure that the operator and maintenance personnel should be instructed not to use flammable liquids to clean the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 50

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
7	<i>Persons could be injured if the machine is being cleaned with compressed air or pressurised jets of water.</i>	<i>LOW (3-D)</i>		<i>Management should ensure that the operator is instructed to ensure that all persons are clear of the area and that he/she should wear safety glasses and a protective face mask while using pressurised cleaning equipment.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured if the machine is operating and maintenance personnel are required to work on the machine in an emergency.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that the operator is trained in the use of the emergency stop button.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured while repairs or service is being carried out on the machine.</i>	<i>LOW (3-D)</i>		<i>Management should ensure that the operator is instructed to ensure that no person remains on the platform while work is being carried out on the machine.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured while the machine is being dis-assembled for repairs.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator and maintenance personnel are instructed that unauthorised persons must not go near the machine while being repaired.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 51

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
7	<i>Persons could be injured if unauthorised hot work is performed on the machines structure.</i>	<i>LOW (3-D)</i>		<i>Management should ensure that the operator is instructed to ensure that any damage to the machine must be reported forthwith. Repairs that require hot work (welding or cutting) must be supervised by an engineer.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured if protective guards are not replaced after maintenance.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that the operator is instructed to ensure that all protective guards are replaced prior to commencing work.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured if they slipped upon a slippery surface such as oil that had been left by maintenance personnel.</i>	<i>MEDIUM (3-C)</i>		<i>Management should ensure that persons are instructed to clean up any oil or fluid spills immediately they occur.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 52

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
7	<i>Persons could be injured if the maintenance personnel do not understand the operation of the machine.</i>	<i>MEDIUM (3-B)</i>	<i>Only trained and qualified personnel should repair, maintain, or service the machine. The manufacturer has provided service and parts manuals.</i>	<i>Management should ensure that the maintenance personnel are adequately trained and instructed to read and thoroughly understand the machines operator service and parts manuals.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured if the machine is being repaired, maintained or serviced on an incline.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed that the machine should be set up on firm level ground for repair, maintenance and service.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured if repairs, maintenance or service is carried out on the machine while the engine is running.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the operator is instructed to stop the motor prior to any work being commenced on the machine. A notice should be put in place advising that the machine is under repair or service.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
7	<i>Persons could be injured while working upon or being close to any moving mechanical parts while wearing loose clothing.</i>	<i>MEDIUM (3-B)</i>		<i>Management should ensure that the person working upon or being near to the moving mechanical parts is instructed to wear close fitting clothing.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	

## RISK ASSESSMENT OF PLANT

PAGE NO: 53

PLANT DESCRIPTION: *Self Propelled Scissor Lift*

POWER SOURCE: *Combustion/Electric*

ORGANISATION: *Almac-Pacific*

ASSESSMENT CONDUCTED BY: *All Crane & Hoist*

*Consulting & Inspection Services*

RISK ASSESSMENT METHOD USED: *Visual Inspection*

HAZARD TYPE GROUP	HAZARD DESCRIPTION SITUATION OF PART OF PLANT WHICH COULD CAUSE INJURY OR ILLNESS	RISK LEVEL (INITIAL)	DESCRIBE THE CONTROL MEASURES ALREADY IMPLEMENTED TO ADDRESS HAZARD	DESCRIBE ADDITIONAL CONTROL MEASURES TO BE IMPLEMENTED	RISK LEVEL (AFTER)	ARE CONTROL MEASURES PRACTICAL YES/NO	CONFIRMATION THAT ACTION/S ARE COMPLETED
8	<i>Persons could be injured due to failure to complete bulletins issued by the manufacturer.</i>	<i>HIGH (3-A)</i>		<i>Owner must ensure that model, serial no. and owners contact details are registered with the manufacturer. Management/owner must ensure all bulletins issued by the manufacturer are completed and recorded in the maintenance/log book.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
8	<i>Persons could be injured if a recording of any machine problems and/or maintenance was not adequately documented.</i>	<i>HIGH (3-A)</i>		<i>Management should ensure that a maintenance/log book is used to record inspections faults and maintenance.</i>	<i>LOW (5-F)</i>	<i>Yes</i>	
8	<i>Persons could be injured if the machine was not operated in accordance with the manufacturer's recommendations and the Australian Standard AS 2550-10.</i>	<i>HIGH (3-A)</i>	<i>The manufacture has provided an operators manual.</i>	<i>Management should ensure that the operator complies with the requirements of the Australian Standard AS 2550-10 (Safe Use).</i>	<i>LOW (5-F)</i>	<i>Yes</i>	