

RISK ASSESSMENT OF PLANT.

SELF PROPELLED ARTICULATED BOOM TYPE E.W.P.

PLANT TYPE:
NIFTY – HEIGHTRIDER

MODEL
HR28 (SP85) SERIES

POWER SOURCE:
DIESEL/BATTERY

PREPARED
FOR
NIFTY WORKPLATFORMS.

RISK ASSESSMENT OF PLANT.

PAGE NO. 1. **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured or injure others when operating the Boom Type E.W.P. without sufficient instruction, training and information.</i>	<i>Yes</i>	<i>The manufacturer has provided an operators instruction manual.</i>	<i>Having obtained all the relevant information regarding the E.W.P. and its functions management must ensure that the E.W.P. operator is thoroughly trained in its safe operation. The operator must hold an appropriately endorsed National Certificate of Competency. Training should be reviewed regularly and revision recorded.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if an E.W.P. that is known to be faulty is operated and left in service.</i>	<i>Yes</i>	<i>The manufacturer has provided an operation manual</i>	<i>A "DANGER DO NOT USE" sign should be attached to the E.W.P. by an authorised person, signed and dated. Management should ensure that the operator is instructed that while such tags are attached to the E.W.P. it must not be used until the tag is removed by a suitably qualified person.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if a poor system of work in relation to the operation of this E.W.P. is being followed.</i>	<i>Yes</i>	<i>.</i>	<i>Management should ensure that a system of work based on the E.W.P. manufacturers operating instructions is prepared and adhered to at all times by the operator.</i>	<i>Yes</i>	
	<i>Persons could be injured if an E.W.P. that has a "DANGER DO NOT USE" tag is operated.</i>	<i>Yes</i>	<i>The manufacturer prohibits such use.</i>	<i>A "DANGER DO NOT USE" sign should be attached to the E.W.P. by an authorised person, signed and dated. Management should ensure that the operator is instructed that while such tags are attached to the E.W.P. it must not be used until the tag is removed by a suitably qualified person.</i>	<i>Yes</i>	<i>Yes</i>

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		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if an E.W.P. was permitted to fall into disrepair due to age and general stress.</i>	<i>Yes</i>	<i>A maintenance book has been provided.</i>	<i>A maintenance /log book should have regular entries made within. Management should ensure that the operator is advised that the E.W.P. must be regularly inspected, serviced and maintained. At the end of each ten years of operation and each five years thereafter the machine must be thoroughly inspected and maintained in accordance with the requirements of Australian Standard AS1418-10 2011.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the control console and the instruction signs and warning decals are damaged in a hostile environment.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to cover and protect the control signs and warning decals if the E.W.P. is left out in the weather or in a hostile environment.</i>	<i>Yes</i>	
	<i>Persons could be injured by the collapse of the boom type E.W.P if it is in poor condition.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check the E.W.P. daily before use and to report any faults to the supervisor immediately. Records must be kept in the maintenance/log book.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. has not been checked and tested in accordance with the Australian Standards checklist prior to the start of each shift.</i>	<i>Yes</i>		<i>Management should ensure that the operator or a competent person is instructed to check and test the elevated work platform in accordance with the Australian Standards checklist and record the findings in the elevated work platforms maintenance/log book.</i>	<i>Yes</i>	

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		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. fails or collapses.</i>	<i>Yes</i>	<i>The E.W.P. has been designed in accordance with several recognised published technical standards including Australian Standard AS 1418.10 2011. A specification plate on the machine confirms this information.</i>		<i>Yes</i>	
	<i>Persons could be injured if the operator is experiencing difficulties in the safe use and limitations of the E.W.P.</i>	<i>Yes</i>	<i>The manufacturer has provided an emergency stop button on the control panel mounted on the platform and on the chassis adjacent to the slew ring.</i>	<i>Management should ensure that the operator is instructed to check that the emergency stop buttons are operational and is clear and accessible at all times.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. collapses due the failure of the pedestal (slew) bearings.</i>	<i>Yes</i>	<i>The manufacturer has provided bearings with the appropriate F.O.S. as required by the design standard.</i>		<i>Yes</i>	
	<i>Persons could be injured if the hydraulic ram connecting pins failed.</i>	<i>Yes</i>	<i>The manufacturer has provided pins with the appropriate factor of safety as required by the design code.</i>	<i>Management should ensure that the operator is instructed to visually check the connecting pins prior to commencing work.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if a faulty boom connecting pin allowed the unit to fail.</i>	<i>Yes</i>	<i>The manufacturer has provided pins with the appropriate factor of safety as required by the design code.</i>	<i>Management should ensure that the operator is instructed to visually check the connecting pins prior to commencing work.</i>	<i>Yes</i>	<i>Yes</i>

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		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the machine did not comply with the appropriate Australian Standards for its safe operation.</i>	<i>Yes</i>	<i>The E.W.P. has been satisfactorily tested for compliance with Australian Standard AS1418.10. 2011. A compliance plate stating that testing has been carried out to the requirements of AS1418.10 2011 has been permanently fixed to the E.W.P..</i>	<i>Management should ensure that the operator is advised to ensure that this plate remains on the E.W.P. and is kept clean and legible.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. has been modified from its original design.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that any modification to the E.W.P. should be approved by the manufacturer or some other suitably qualified engineer and that all relevant design information/computations should be retained and be available upon request to the appropriate Regulating Authority.</i>	<i>Yes</i>	
	<i>Persons could be injured if the safe operation of the E.W.P. was not confirmed to be in accordance with the requirements of the Statutory authority by testing.</i>	<i>Yes</i>	<i>A compliance plate stating that testing has been carried out to the requirements of AS 1418.10 2011 has been permanently fixed to the E.W.P.</i>	<i>A compliance plate showing that testing has been carried out to the requirements of AS 1418.10 2011 should be permanently fixed to the E.W.P.. Management should ensure that the operator is advised to ensure that this plate remains on the E.W.P. and is kept clean and legible.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured by the E.W.P. operating in a poor condition as the result of general wear and tear on components.</i>	<i>Yes</i>	<i>The manufacturer has provided a spare parts manual.</i>	<i>Management should ensure that the operator is instructed to ensure that the E.W.P. is checked for faults prior to commencing work each day and if they are serious, report them immediately otherwise record them in the maintenance/log book.</i>	<i>Yes</i>	<i>Yes</i>

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		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the operator of the E.W.P. is unfamiliar with the working environment.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to inspect the area where the E.W.P. is intended to be operated prior to commencing work. Ensure that the floor is free of holes or drops. Establish if there are any specific local site requirements.</i>	<i>Yes</i>	
	<i>Persons could be injured if the machine operator is unfamiliar with that is unsafe conditions and hazards that could affect the safe operation of the E.W.P.</i>	<i>Yes</i>		<i>Management should ensure that the operator is trained in determining unsafe conditions and hazards that are relative to the E.W.P.'s safe operation.</i>	<i>Yes</i>	
	<i>Persons could be injured if the controls cease to function properly.</i>	<i>Yes</i>	<i>The manufacturer has provided safety features which prevent a malfunctioning E.W.P. from being operated. Regular maintenance checks should be carried out as per the manufacturers instructions.</i>	<i>Management should ensure that the operator is instructed to carry out function tests prior to commencing operations. A maintenance/log book should be provided and all results should be recorded there-in.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the operator inadvertently operated a control device (button, lever or pedal) in error.</i>	<i>Yes</i>	<i>The manufacturer has designed the controls in such a manner as to prevent inadvertent operation.</i>	<i>Management should ensure that the operator is instructed to take care at all times while selecting and operating the control system.</i>	<i>Yes</i>	<i>Yes</i>

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		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the operator performs duties that are not his/her responsibility and beyond the scope of his/her technical capabilities.</i>	<i>Yes</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 matter of concern to his/her supervisor.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P tipped due to excessive winds.</i>	<i>Yes</i>	<i>The manufacturer has designed the E.W.P to withstand winds up to 12.5m/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 12.5m/s (45k.p.h).</i>	<i>Yes</i> <i>Yes</i>	
	<i>Persons could be injured if the E.W.P was subjected to structural, mechanical or corrosive damage and it was not noticed..</i>	<i>Yes</i>	<i>The manufacturer and the Australian Standard have set a routine of periodical checks that the operator must complete prior to use.</i>	<i>Management should ensure that the operator is instructed to carry out daily, weekly and monthly checks upon the E.W.P as required. The results should be recorded in the maintenance/log book.</i>	<i>Yes</i> <i>Yes</i>	
	<i>Persons could be injured if a E.W.P is operating in a manner other than for which it was intended and designed by the manufacturer.</i>	<i>Yes</i>	<i>The manufacturer has provided an operators instruction manual. This manual prohibits such operation.</i>	<i>Management should ensure that the operator is instructed to cease operating a malfunctioning E.W.P and attach a "DANGER DO NOT USE" tag. Record the matter in the maintenance/log book.</i>	<i>Yes</i> <i>Yes</i>	

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		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the operator could not stop the E.W.P. in an emergency.</i>	<i>Yes</i>	<i>The manufacturer has provided an emergency stop button on the control panel mounted upon the platform.</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>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the operator could not stop the E.W.P. in an emergency due to the failure of the upper control panel emergency stop button to function.</i>	<i>Yes</i>	<i>The manufacturer has provided a second emergency stop button on the chassis adjacent to the slew ring.</i>	<i>Management should ensure that the operator is instructed that in an emergency to call a person or persons nearby and require them to knock the emergency stop button at the chassis level should the E.W.P.'s operation fail to respond to the upper button.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the operator does not understand the instruction and warning plates and decals mounted on the E.W.P.</i>	<i>Yes</i>	<i>The manufacturer has provided appropriate warning notices and decals on the E.W.P. A list has been provided in the operator's manual nominating the content and location of all decals.</i>	<i>Management should ensure that the operator is instructed to ensure that all instructions, warning plates and decals are clearly legible in English. International danger signs are acceptable.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the warning and instruction signs on the platform are illegible.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check to ensure that all platform signs are clean and legible at all times.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if they are not able to receive immediate attention in an emergency.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to work alone at any time.</i>	<i>Yes</i>	

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		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if they attempted to exit the platform should the power source fail to function.</i>	<i>Yes</i>	<i>The manufacturer states in the operators manual that operations from the platform are forbidden unless there are other persons at ground level.</i>	<i>Management should ensure that the operator is advised that there must be other persons at ground level before commencing operations.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if they attempted to exit the platform should the power source fail to function.</i>	<i>Yes</i>	<i>The manufacturer has provided a hand pump at ground level and it's operation is outlined in the operator's manual.</i>	<i>Management should ensure that the operator is instructed in its use and be capable of explaining the procedures to persons at ground level. The key for the locking switch device must be in the possession of a person at ground level.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if they attempted to exit the platform should the hydraulic system break down or fail.</i>	<i>Yes</i>	<i>The manufacturer has provided a hand pump at ground level and its operation is outlined in the operators manual.</i>	<i>Management should ensure that the operator is instructed in its use and be capable of explaining the procedure at persons at ground level.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the controls are not clearly marked to show their correct functions.</i>	<i>Yes</i>	<i>The manufacturer has identified all the controls with their functions placed beside them.</i>	<i>Management should ensure that the operator is instructed to check that the identification of each control is legible and defines its specific action. Details of his/her inspection should be noted in the maintenance/log book.</i>	<i>Yes</i>	<i>Yes</i>

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		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the control devices could remain in the "on" position.</i>	<i>Yes</i>	<i>The manufacturer has provided "automatic return to neutral" upon release 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>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the controls of the E.W.P. were jammed, taped or fixed in position.</i>	<i>Yes</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>Yes</i>	
	<i>Persons could be injured if the controls were interfered with by adjacent obstacles.</i>	<i>Yes</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 clearances of items about the controls at all times.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the engine is started while a control device is engaged.</i>	<i>Yes</i>	<i>The manufacturer specifies in the operators manual that all controls must be in the neutral position prior to starting the engine.</i>	<i>Management should ensure that the operator is instructed not to start the engine until he/she has checked to see that all levers and switches are in neutral or the "off" position.</i>	<i>Yes</i>	
	<i>Persons could be injured if they were unable to return to ground level by the normal method of operating the E.W.P.</i>	<i>Yes</i>	<i>An emergency lowering device (hand pump) has been provided by the manufacturer. The device has been clearly identified by the manufacturer and its operation outlined in the operators manual.</i>	<i>Management should ensure that the operator is instructed regarding the operation of the emergency lowering device and its location.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the platform is not maintained in a level position during raising and lowering operations.</i>	<i>Yes</i>	<i>The manufacturer has provided a self levelling device for the platform.</i>	<i>Management should ensure that the operator is instructed to be aware that the platform should be level at all times.</i>	<i>Yes</i>	<i>Yes</i>

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		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the operator applies the controls in an abrupt manner.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to use the controls slowly and gently.</i>	<i>Yes</i>	
	<i>Persons could be injured if the platform was lowered uncontrolled and speedily.</i>	<i>Yes</i>		<i>Management should ensure that the operator is trained in the correct procedures for raising and lowering the platform. He/she should exercise caution at all times.</i>	<i>Yes</i>	
	<i>Persons could be injured if they were not aware that the platform was being lowered.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check the area below the machine before lowering the platform.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if any of the boom and platform limits or safety devices are disabled.</i>	<i>Yes</i>	<i>The manufacturer has provided within the operator's manual a series of functional tests that should be carried out to confirm the safe operation of the unit.</i>	<i>Management should ensure that the operator is instructed to check that all limits and safety devices are functioning correctly prior to commencing operation. The results of the inspection should be recorded in the maintenance/log book.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the platform is used to exceed its nominated safe working load..</i>	<i>Yes</i>	<i>The manufacturer has provided a notice stating the W.L.L of the E.W.P. as 280Kg..</i>	<i>Management should ensure that the operator is instructed to ensure that the W.L.L. of the elevated work platform is not exceeded. The weight of all people, tools and materials must be considered at all times.</i>	<i>Yes</i>	<i>Yes</i>

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No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the W.L.L. or S.W.L. of the platform is not known and is exceeded.</i>	<i>Yes</i>	<i>The capacity of the elevating work platform has been determined and a S.W.L. or W.L.L. sign has been attached by the manufacturer. The manufacturer has provided a pressure relief within the hydraulic system. The manufacturer has provided a platform weigh system which alerts the operator of an overload condition.</i>		<i>Yes</i>	
	<i>Persons could be injured if the operator ignores the S.W.L. or W.L.L. sign on the boom platform and its capacity is exceeded.</i>	<i>Yes</i>	<i>The capacity of the elevating work platform has been determined and a S.W.L. or W.L.L. sign has been attached by the manufacturer. The manufacturer has provided a pressure relief within the hydraulic system. The manufacturer has provided a platform weigh system which alerts the operator of an overload condition.</i>	<i>Management should ensure that the operator is instructed not to exceed the S.W.L. or W.L.L while it is being operated.</i>	<i>Yes</i> <i>Yes</i>	
	<i>Persons could be injured if the number of persons on the platform exceed the manufacturers recommendations.</i>	<i>Yes</i>	<i>The manufacturer has specified a maximum of two persons and tools (280Kg) within the platform when the machine is in operation.</i>	<i>Management should ensure that the operator is instructed to ensure that the manufacturers recommendation is adhered to and that the load ratings are followed at all times.</i>	<i>Yes</i> <i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 12 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the working range of motion of the E.W.P. is exceeded.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the platform W.L.L. of the platform is not exceeded.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P is operated while on a mobile surface or a vehicle.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that the E.W.P must only be operated on a firm static solid surface.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P is operating on a slope.</i>	<i>Yes</i>	<i>The manufacturer has provided a tilt alarm on the unit which will sound when the incline of the E.W.P chassis exceeds the manufacturer's specifications.</i>	<i>Management should ensure that the operator is instructed to be aware of the tilt alarm is not a level indicator. It is a warning that the E.W.P. must be level and only operated on a firm solid level surface.</i>	<i>Yes</i> <i>Yes</i>	
	<i>Persons could be injured if they were not aware that the E.W.P. was in operation.</i>	<i>Yes</i>	<i>The manufacturer has provided a multi-sound alarm which activates when the E.W.P. is in operation.</i>	<i>Management should ensure that the operator is instructed to check that the sounder alarm is operating while the E.W.P. is in operation..</i>	<i>Yes</i> <i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 13 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. tipped due to the supporting structure being incapable of withstanding the loads imposed by the E.W.P. e.g. a wharf, floor etc.</i>	<i>Yes</i>	<i>The manufacturer specifies in the operator's manual the maximum ground pressure loadings.</i>	<i>Management should ensure that the operator is instructed that prior to setting up the E.W.P. upon a structure or a surface about which its supporting adequacy has not been properly confirmed he/she must consult his/her supervisor or a competent engineer.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. tipped due to the roadway, footpath or kerbing collapsing beneath the E.W.P.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to inspect the ground where the E.W.P is to be set in place. If in doubt seek the advice of a supervisor or a competent engineer.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. tipped due it being set near a shoulder in the road, and excavation or upon landfill.</i>	<i>Yes</i>		<i>Management should ensure that the operator in instructed to inspect the ground where the E.W.P is to be set in place. If in doubt seek the advice of a supervisor or a competent engineer.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. tipped due to it being set upon road paving that had the soil beneath eroded away by water leaving a void.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to inspect the ground where the E.W.P is to be set in place. If in doubt seek the advice of a supervisor or a competent engineer who should investigate the matter and if necessary should consult with the local municipal authorities.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 14 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. damaged underground hazards such as gas, electricity, water or other buried objects.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to inspect the ground where the E.W.P is to be set in place. If in doubt seek the advice of a supervisor or a competent engineer who should investigate the matter and if necessary should consult with the local municipal authorities.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. tipped due to it being set up incorrectly and the E.W.P. not being level.</i>	<i>Yes</i>	<i>The E.W.P. manufacturer has provided a bubble level on the chassis.</i>	<i>Management should ensure that the operator is instructed not to commence operating the E.W.P. unless it is set up level.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. tipped due to it being poorly set up on uneven ground.</i>	<i>Yes</i>	<i>The manufacturer specifies within the operators manual that the maximum ground slope must not exceed the manufacturers recommendations. The manufacturer has provided a tilt alarm with an audible warning device (tilt alarm) which sounds if the slope is exceeded.</i>	<i>Management should ensure that the operator is instructed to inspect the ground where the E.W.P is to be set in place. If in doubt seek the advice of a supervisor or competent engineer.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. platform is elevated while the main body's chassis is not in a level position.</i>	<i>Yes</i>	<i>The manufacturer has specified that the boom must not be raised unless the machine is on a firm level surface and correctly set up. The manufacturer has provided a tilt alarm that sounds when the incline of the chassis exceeds the manufacturer's specifications.</i>	<i>Management should ensure that the operator is instructed to ensure that the main body's chassis is level prior to elevating the platform.</i>	<i>Yes</i>	<i>Yes</i>

RISK ASSESSMENT OF PLANT.

PAGE NO. 15 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the boom or platform is raised extremely fast.</i>	<i>Yes</i>	<i>The manufacturer has controlled the speed for ascent by limiting the capacity of the hydraulic flow.</i>	<i>Management should ensure that the operator and the maintenance personnel are instructed not to tamper with, or modify the flow speeds as set by the manufacturer. The platform should be operated at a slow speed.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the boom or platform is lowered extremely fast.</i>	<i>Yes</i>	<i>The manufacturer has controlled the speed for descent by provision of a flow control valve.</i>	<i>Management should ensure that the operator and the maintenance personnel are instructed not to tamper with, or modify the flow speeds as set by the manufacturer. The platform should be operated at a slow speed.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if hydraulic pressure could not be maintained in the elevating system following a line failure.</i>	<i>Yes</i>	<i>The manufacturer has provided safety lock valves on the hydraulic rams.</i>		<i>Yes</i>	
	<i>Persons could be injured if a hydraulic cylinder failed by bursting.</i>	<i>Yes</i>	<i>The manufacturer has applied a minimum F.O.S. of 4 within the design of all hydraulic cylinders.</i>		<i>Yes</i>	
	<i>Persons could be injured if sudden applications are made to the controls.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to apply the controls in a sudden or uncontrollable manner.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 16 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider. HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the hydraulic circuit failed due to an overload being placed on the platform.</i>	<i>Yes</i>	<i>The manufacturer has provided a platform weigh sensor system which alerts the operator of an overload.</i>	<i>Management should ensure that the operator is instructed not to exceed the W.L.L of the E.W.P.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the hydraulic system fails due to the overheating of the hydraulic fluid because of the operator mis-using the control levers.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to hold a control lever in the engaged position after its cylinder piston has reached its maximum position.</i>	<i>Yes</i>	
	<i>Persons could be injured if the hydraulic system fails due to the overheating of the hydraulic fluid.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to permit the hydraulic oil operating temperature to exceed the manufacturer's recommendations.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 17 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if they were not restrained from falling from the platform.</i>	<i>Yes</i>	<i>An anchorage has been provided and identified within the platform area by the manufacturer to which safety lanyards and harnesses should be attached. The anchorage has been designed and tested to comply with AS 1891.1 1995.</i>	<i>Management should ensure that the operator is instructed to ensure that all persons wear and attach approved safety harnesses at all times while being within the platform.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. tips over as the result of pushing itself or other objects with the platform or the boom.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the E.W.P is used only for its designed functions.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. tips over due to forces being applied at platform level.</i>	<i>Yes</i>	<i>The manufacturer has stated within the operators manual the maximum horizontal force that may be applied at the platform level.</i>	<i>Management should ensure that the operator is instructed not to push away from or pull towards any items outside the platform area that will exceed the manufacturers specification.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. tips over when travelling as the result of damaged tyres.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check for damage on tyres prior to using the machine and that such matters are reported.</i>	<i>Yes</i>	
	<i>Persons could be injured if tyres on the machine are mixed types of fillings there-in and they became unstable.</i>	<i>Yes</i>	<i>The manufacturer has specified the correct type of tyre, its size and the recommended type of filling (foam filling).</i>	<i>Management should ensure that the operator is instructed to check that all tyres are the same type, size and are correctly filled and fitted.</i>	<i>Yes</i>	<i>Yes</i>

RISK ASSESSMENT OF PLANT.

PAGE NO. 18 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the operator was not aware of activities being carried out in close proximity to the E.W.P.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to be aware of all activities within the working area of the E.W.P.</i>	<i>Yes</i>	
	<i>Persons could be injured if tools or other items are left on the platform's floor and restrict access to the controls (foot pedal etc).</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the platform floor is clean and tidy and any tools or other items are properly stowed.</i>	<i>Yes</i>	
	<i>Persons could be injured while working on an untidy site and falling over various items at ground level while approaching or departing the E.W.P.</i>	<i>Yes</i>		<i>Management should ensure the supervisor has instructed all persons working upon the site to maintain the area in a clean and safe condition. All unused items should be safely stowed.</i>	<i>Yes</i>	
	<i>Persons could be injured while departing the platform.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to jump from the platform and to use the stepping facilities provided. Steps and hand holds must be kept clear of oil, mud etc.</i>	<i>Yes</i>	
	<i>Persons could be injured while operating beneath the working area of the E.W.P.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check to ensure that no persons are operating beneath the working zone of the E.W.P.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 19 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if two or more E.W.P.'s or machines are working together on a site.</i>	<i>Yes</i>		<i>Management should ensure that the operators are instructed to determine signals for joint operations in advance and be constantly aware of each other's presence.</i>	<i>Yes</i>	
	<i>Persons could be injured if they were not aware that the E.W.P. was in use and they progressed into the work zone.</i>	<i>Yes</i>	<i>The manufacturer has provided a flashing beacon and a sounder alarm on the E.W.P.</i>	<i>Management should ensure that the operator are instructed to ensure that suitable guarding/barriers are in place prior to commencing operations.</i>	<i>Yes</i> <i>Yes</i>	
	<i>Persons could be injured if the parked E.W.P. was started and/or operated by an unauthorised person/s.</i>	<i>Yes</i>	<i>The manufacturer has provided key locking switches on the motor and electrical system to prevent unauthorised use.</i>	<i>Management should ensure that the operator is instructed to ensure that upon leaving the E.W.P. he/she should take the keys with him/her.</i>	<i>Yes</i> <i>Yes</i>	
	<i>Persons could be injured if the safety devices provided on the E.W.P. are not in proper working order.</i>	<i>Yes</i>	<i>The manufacturer has provided within the operators manual a series of function tests that should be carried out to assist in confirming the safe operation of the unit. The manufacturer has provided safety features as required by European Code EN280..</i>	<i>Management should ensure that the operator is instructed to ensure that prior to commencing work each day he/she should check all the safety devices on the machine.</i>	<i>Yes</i> <i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 20 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the hydraulic system failed due to the reservoir not having air space.</i>	<i>Yes</i>	<i>The manufacturer has provided a breather cap.</i>	<i>Management should ensure that the operator is instructed to ensure that the breather cap is fitted before commencing operation.</i>	<i>Yes</i>	
	<i>Persons could be injured if the operator disturbs adjustments of any hydraulic component.</i>	<i>Yes</i>	<i>The manufacturer has provided over pressure valves within the hydraulic system.</i>	<i>Management should ensure that the operator is instructed that only trained and skilled mechanical personnel with an understanding of the E.W.P. may carry out adjustments to the hydraulic components of the E.W.P..</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is operated and a leakage of hydraulic oil exists.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check that the hydraulic system is free from leakage prior to commencing work.</i>	<i>Yes</i>	
	<i>Persons could be injured if unauthorised persons, equipment or vehicles move into the working area.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the E.W.P.'s working area is either barricaded or some method of control is provided to prevent the entry of unauthorised persons or objects.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 21 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. tips over due to items being placed against the E.W.P..</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to allow items such as ladders etc. to be placed against the boom, platform or any other part of the E.W.P..</i>	<i>Yes</i>	
	<i>Persons could be injured if items were attached to the E.W.P. to increase its stability.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to attach cables, ropes etc to the E.W.P. to increase the E.W.P.'s stability.</i>	<i>Yes</i>	
	<i>Persons could be injured is the stability of the E.W.P is affected due to the mass of the counterweight being altered.</i>	<i>Yes</i>	<i>The manufacturer has specified that the batteries, covers, engines, tyres etc. are part of the counterweight system.</i>	<i>Management should ensure that the operator is instructed to ensure that all components are on the E.W.P. and are not removed.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. is used to drag a load by raising the boom.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that the E.W.P. is for personnel use only and must not be used for any other purpose.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is used to move or drag a load by slewing the boom.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that the E.W.P. is for personnel use only and must not be used for any other purpose.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. became unstable while travelling over a rough surface and the platform was not in the stowed position.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the platform is properly stowed prior to travelling over rough or uneven surfaces. The operator must travel at slow speed and be aware of changing surface conditions at all times.</i>	<i>Yes</i>	<i>Yes</i>

RISK ASSESSMENT OF PLANT.

PAGE NO. 22 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. became unstable due to an incorrect type or size of tyres being fitted.</i>	<i>Yes</i>	<i>The manufacturer has specified the correct type of and size of tyres within the operators manual.</i>	<i>Management should ensure that the operator is instructed to ensure that the correct tyres are fitted prior to commencing operations.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. became unstable due to damaged tyres..</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check the tyres for damage prior to commencing operations.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P tipped over as the result of not being evenly supported at the base eg. Incorrect tyres.</i>	<i>Yes</i>	<i>The manufacturer has specified tyre type and sizes that are required (foam filled).</i>	<i>Management should ensure that the operator is instructed to check that the nominated types are fitted to the E.W.P prior to use.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. tips over due to being used to raise or lower a fixed or overhanging load e.g. used as a crane..</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that the E.W.P. is for personnel use only and must not be used to raise or lower loads (used as a crane) other than the workperson's hand tools.</i>	<i>Yes</i>	
	<i>Persons could be injured if they were not aware of fixed overhead items or structures and were crushed when raising the platform.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to be aware of all overhead items and structures when raising the platform.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 23 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if additional height reaching equipment (ladders, boxes etc.) is used to provide additional reach for workers within the platform area.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the machine is positioned in such a manner that all work may be completed with both his/her feet on the platform floor.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. becomes unstable due to contact with an adjacent structure.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the E.W.P. does not contact adjacent structures at any time.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P was caught, snagged or otherwise prevented from normal motion on an adjacent structure or object.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that all personnel must be safely removed from the platform prior to attempts to free the platform.</i>	<i>Yes</i>	
	<i>Persons could be injured if they attempt to ascend or descend to or from the platform by means of climbing on the boom.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that no persons should climb upon the boom.</i>	<i>Yes</i>	
	<i>Persons could be injured by slipping during access and egress from the E.W.P..</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the foot plates and hand holds are kept free and clear of mud and oil.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 24 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider. HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. platform is left unattended without being properly shut down and made secure.</i>	<i>Yes</i>	<i>The manufacturer has provided a key locking switch within the ground controls.</i>	<i>Management should ensure that the operator is instructed to ensure that the E.W.P. is made safe, secure and switched off. Remove the key prior to leaving the .E.W.P..</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured when entering or leaving the E.W.P. when it is in an elevated position.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to use dual approved safety harnesses when entering or leaving the platform in an elevated position. The operator must ensure that the platform is within 300mm of the safe/secure structure that is being entered/exited.</i>	<i>Yes</i>	
	<i>Persons could be injured if a boom section was damaged and could not travel within the required path.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check that the boom sections move freely and correctly prior to commencing each shift.</i>	<i>Yes</i>	
	<i>Persons could be injured if the boom was not aligned with the chassis while being lowered.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to confirm boom alignment prior to lowering it.</i>	<i>Yes</i>	
	<i>Persons could be injured if the power source ceased to operate due to overheating.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to regularly monitor the temperature of the engine.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 25 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the operator travels the E.W.P. over soft or uneven surfaces with the platform elevated.</i>	<i>Yes</i>	<i>The manufacturer specifies that the boom must be lowered and secured prior to relocating the E.W.P..</i>	<i>Management should ensure that the operator is instructed to ensure that the boom is lowered and secured prior to travelling the E.W.P..</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the gate (drop bar) is left open due to the platform operator's forgetfulness.</i>	<i>Yes</i>	<i>The manufacturer has provided a self closing drop bar at the entrance to the platform.</i>	<i>Management should ensure that the operator is instructed to check that the drop bar operates in a satisfactory manner. The results should be recorded within the maintenance/log book.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the drop bar is structurally damaged and could not shut.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check that the drop bar operates in a satisfactory manner. The results should be recorded within the maintenance/log book.</i>	<i>Yes</i>	
	<i>Persons could be injured if loads were supported by the handrails.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that loads must not be supported by the handrails at any time.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 26 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if sharp edges or protrusions within the platform work area existed.</i>	<i>Yes</i>	<i>The manufacturer has designed and manufactured the E.W.P. to avoid harm and/or bodily injury.</i>		<i>Yes</i>	
	<i>Persons could be injured if any part of the platform handrails are removed.</i>	<i>Yes</i>	<i>The manufacturer has provided a complete handrail system.</i>	<i>Management should ensure that the operator is instructed that the removal of any part of the handrails is prohibited.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if they climb over or upon the handrails.</i>	<i>Yes</i>	<i>The manufacturer has provided entry (drop bar) at the side of the platform.</i>	<i>Management should ensure that the operator is instructed to ensure that all persons only use the entry point for egress and entry.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if while grasping the platform handrail it struck an adjacent object or structure while in motion.</i>	<i>Yes</i>	<i>The manufacturer has provided an internal handrail within the platform.</i>	<i>Management should ensure that the operator is instructed to ensure that no hands etc. project outside of the internal handrail when the platform is in motion.</i>	<i>Yes</i>	<i>Yes</i>

RISK ASSESSMENT OF PLANT.

PAGE NO. 27 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider. HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if they are working in an area where persons are working overhead.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to depart the area where other persons are working above the platform. If the work is moderate he/she and the co-workers should obtain and wear approved safety helmets.</i>	<i>Yes</i>	
	<i>Persons could be injured by allowing parts of their body to protrude outside the confines of the platform.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that all persons stay within the confines of the platform particularly while the E.W.P. is moving (including raising and lowering of the platform).</i>	<i>Yes</i>	
	<i>Persons could be injured if equipment etc. falls from the platform.</i>	<i>Yes</i>	<i>The manufacturer has provided a kickboard about the platform floor.</i>	<i>Management should ensure that the operator is instructed to ensure that all equipment is contained within the confines of the work platform and prevent articles hanging over or projecting outside the platform area. All loose items should be secured within the platform area.</i>	<i>Yes</i> <i>Yes</i>	
	<i>Persons could be injured if the E.W.P. travels at high speed.</i>	<i>Yes</i>	<i>The manufacturer has specified the maximum speed for the E.W.P travel when the platform is stowed.</i>	<i>Management should ensure that the operator is instructed to travel slowly and cautiously at all times.</i>	<i>Yes</i> <i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 28 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if they were struck by part of the E.W.P.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to be aware of other persons within the work area prior to moving the E.W.P.</i>	<i>Yes</i>	
	<i>Persons could be injured if they were struck by a travelling E.W.P.</i>	<i>Yes</i>	<i>A sounder alarm and flashing beacon are installed on the E.W.P.</i>	<i>Management should ensure that the operator is instructed to ensure that the alarm is operable, and to watch for pedestrians at all times. Isolate the E.W.P operations from pedestrians at all times.</i>	<i>Yes Yes</i>	<i>No</i>
	<i>Persons could be injured if the E.W.P was struck by another floor operating E.W.P.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to set up barricades in the area where other E.W.Ps are operating nearby</i>	<i>Yes</i>	
	<i>Persons could be injured by the E.W.P. skidding in wet or slippery conditions while being relocated.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to move the E.W.P slowly and to exercise caution at all times.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 29 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured by stepping into the path of the moving E.W.P..</i>	<i>Yes</i>	<i>The manufacturer has provided a warning device on the control panel eg. a horn.</i>	<i>Management should ensure that the operator is instructed to always expect the unexpected and be aware of blind spots, and to use the warning device (horn) as required.</i>	<i>Yes</i>	
	<i>Persons could be injured if struck by the boom while it was being lowered.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the area below is clear of personnel and obstructions before lowering the boom.</i>	<i>Yes</i>	
	<i>Persons could be injured if they or the platform foul an overhead installation.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to familiarise himself/herself with all overhead installations in the workplace and to move the E.W.P. with the platform as low as possible.</i>	<i>Yes</i>	
	<i>Persons could be injured if the machine is operating in close proximity to overhead power items.</i>	<i>Yes</i>		<i>Management should ensure that the operator to is instructed request his/her supervisor to establish the voltage and arrange for protective devices such as tubular coverings and warning signs to be provided/alternatively have the power disconnected.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 30 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>The operator could be injured if the platform made contact with live electrical conductors or power lines.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to raise the E.W.P. near live wires unless they are de-activated. A warning notice should be attached to the E.W.P. stating "LIVE WIRES" etc.</i>	<i>Yes</i>	
	<i>Persons could be injured by live electrical conductors on overhead power line poles if the EWP is near them while in operating mode.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the minimum clearance between an EWP while in operating mode and overhead powerlines on poles is 3m below and on each side. Any part of the EWP or its components are not permitted anywhere above the power lines. A certificated spotter is required for the sole task of observing and warning against any unsafe approach to the powerlines and any other electrical apparatus between 3m and 6.4m of power pole lines.</i>	<i>Yes</i>	
	<i>Persons could be injured by live electrical conductors on overhead power line towers if the EWP is near them while in operating mode.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the minimum clearance between an EWP while in operating mode and overhead powerlines on towers is 8m below and on each side. Any part of the EWP or its components are not permitted anywhere above the power lines. A certificated spotter is required for the sole task of observing and warning against any unsafe approach to the powerlines and any other electrical apparatus between 8m and 10m of tower power lines.</i>	<i>Yes</i>	
	<i>Persons could be injured by the E.W.P. being set up in close proximity to high power electromagnetic wave emitters e.g. radio or television transmitters.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that his/her supervisor contacts the relevant authority or company and establishes safety before commencing work.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 31 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured by a lightning strike.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to lower the platform and maintain a safe distance from it if thunder/lightning clouds approach the work area.</i>	<i>Yes</i>	
	<i>Persons could be injured if they are not aware that the E.W.P. is not electrically insulated.</i>	<i>Yes</i>	<i>The manufacturer has stated within the operators manual that the E.W.P. is not electrically insulated.</i>	<i>Management should ensure that the operator is advised that the E.W.P. is not electrically insulated. Management should ensure that signs stating that the machine is not electrically insulated are attached to the E.W.P..</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if welding equipment is being used and the E.W.P. becomes a conductor to earth.</i>			<i>Management should ensure that the operator is instructed to ensure that all welding equipment is suitably earthed prior to commencing any work from the platform.</i>	<i>Yes</i>	
	<i>Persons could be injured if a platform that was not designed by the E.W.P. manufacturer was added to the E.W.P..</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to increase the size of the platform area as provided by the manufacturer.</i>	<i>Yes</i>	
	<i>Persons could be injured if a heavy load was placed on one side of the platform.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to distribute the weight of the platform loads equally about the floor.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P became unstable or tipped as a result of the wind catchment area being increased eg. notice boards etc.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to increase the wind catchment area of the E.W.P at an time e.g. banners etc.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 32 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if loads are hung from the platform.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to hang any load over the side of the platform at any time.</i>	<i>Yes</i>	
	<i>Persons could be injured if the platform or the persons within were struck by an overhead crane.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to turn off the main crane isolator of an overhead crane working above the elevated work platform and remove the key from the switch lock of the overhead crane.</i>	<i>Yes</i>	
	<i>Persons could be injured by power tools hanging from the platform.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that all tools are contained within the confines of the platform and that power tools are not to be hung from the platform.</i>	<i>Yes</i>	
	<i>Persons could be injured due to power tool extension leads hanging from the platform.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that all electrical leads comply with the Code of Practice for Temporary Electrical Installations in the Building & Construction Industry. He/she must ensure that the leads are not dragged or stretched while moving the platform.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 33 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. wheels drop down a hole, strike a bump or it is moved over debris and coverings that may conceal a hole or other hazards while it is being relocated.</i>	<i>Yes</i>	.	<i>Management should ensure that the operator is instructed to move the E.W.P slowly and cautiously at all times while looking ahead for ground faults.</i>	<i>Yes</i>	
	<i>Persons could be injured if the operators hands slipped off the controls.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that his/her hands are dry at all times.</i>	<i>Yes</i>	
	<i>Persons could be injured if the machine was operating in an unlit or poorly lit area.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that he/she must ensure that he/she has absolute clear vision in a properly lit workplace at all times. Additional lighting etc may have to be provided.</i>	<i>Yes</i>	
	<i>Persons could be injured if they are crushed between the moving E.W.P. and fixed plant or some object.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that all personnel keep clear when the E.W.P. is being moved to another location.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 34 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider. HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if they were trapped between the platform and the boom or some other fixed object while the platform is being rotated.</i>	<i>Yes</i>	<i>The manufacturer has provided notices on the platform warning of crushing hazards.</i>	<i>Management should ensure that the operator is instructed to ensure that persons are not near the platform while it is being rotated.</i>	<i>Yes</i>	
	<i>Persons could be injured if the platform struck an overhead fixed object when the jib boom was positioning the platform upwards.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check that there is sufficient clearance above the platform level before proceeding with this action.</i>	<i>Yes</i>	
	<i>Persons could be injured if the platform struck a fixed object underneath it when the jib was positioning the platform downwards..</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check that there is sufficient clearance above the platform level before proceeding with this action.</i>	<i>Yes</i>	
	<i>Persons could be injured if the platform struck a fixed adjacent object to it when the jib was positioning the platform outwards.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check that there is sufficient clearance adjacent to the platform level before proceeding with this action.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 35 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the platform struck a person/s underneath it when the jib was positioning the platform near ground level.</i>	<i>Yes</i>	.	<i>Management should ensure that the operator is instructed to check to ensure that there are no person/s in the vicinity prior to positioning the platform.</i>	<i>Yes</i>	
	<i>Persons could be injured if the operator was not aware of all persons locations when extending or retracting the jib.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that all persons are clear of the area before operating the jib.</i>	<i>Yes</i>	
	<i>Persons could be injured or items damaged if struck by the platform when the jib was being extended or retracted..</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check to ensure that the area is clear of all persons and other items before operating the jib.</i>	<i>Yes</i>	
	<i>Persons could be injured if they were not aware of fixed overhead items or structures and were crushed when raising the platform.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to be aware of all overhead structures or items prior to raising the platform.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 36 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. becomes unstable due to its supporting surface collapsing or being washed away while it is in a parked situation.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to park the E.W.P. in a safe location and if there is any doubt regarding the supporting surface seek advice from hi/her supervisor or an engineer.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. platform is operated upon a surface or adjacent to a pit wall which may not sustain its operating weight.</i>	<i>Yes</i>	<i>The manufacturer has specified the weight of the unit in the operator's manual. The mass of the machine has been identified on the E.W.P.</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 to confirm that it does have a solid level surface.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. is operated on a public road.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the E.W.P. is set up properly and appropriate warning signs and barricades are set up surrounding the machine.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is parked on a public road or place at night.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the platform is lowered, the key removed and that night warning lights and signs are set up surrounding the E.W.P.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 37 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be crushed or injured by an unexpected inadvertent movement of the work platform.</i>	<i>Yes</i>	<i>All controls have been clearly designed 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>Yes</i>	<i>Yes</i>
	<i>Persons could be crushed by the E.W.P. tipping or rolling over upon a poor surface.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ask his/her supervisor for an Engineering Assessment of any operating surface that appears soft. Management should ensure that the operators are instructed to only operate on solid level surfaces within the capacity and the recommended uses of the E.W.P..</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the platform size is increased and the E.W.P is subjected to excessive wind loads.</i>	<i>Yes</i>	<i>The manufacturer has specified that operations must cease if wind loads exceed 12.5m/s.</i>	<i>Management should ensure that the operator is instructed not to raise the platform or operate during excessively windy weather and to observe the manufacturers recommendations.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the operator is unfamiliar with the area where he/she is working.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed regarding the surroundings where the E.W.P. is set up for operation and of any local site requirements.</i>	<i>Yes</i>	

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PAGE NO. 38 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. is moved over unsubstantial ground or near the edge of a ditch or some other form of hollow, a gap or excavation.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to be guided by a competent person while travelling. Inquiries should be made to a supervisor or engineer regarding the condition of the machines supporting surface. Management should ensure that the operator is instructed that the boom must be lowered prior to moving the E.W.P.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is moved on rough ground and/or slopes.</i>	<i>Yes</i>	<i>The manufacturer specifies in the operator's manual the maximum gradeability with the boom stowed is 45% (25°).</i>	<i>Management should ensure that the operator is instructed to be guided by a competent person and to travel carefully and slowly.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the E.W.P. is moved in areas where space is limited.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to be guided by a competent person and to travel carefully and slowly.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is improperly parked on a slope.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that prior to him/her leaving the E.W.P. that the wheels must not be left facing down hill and must be chocked.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 39 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<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>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that appropriate personal protective equipment is available and is in good condition and is being worn prior to commencing work.</i>	<i>Yes</i>	
	<i>Persons could be injured if the operators vision is impaired by sunlight or bright colours in close proximity.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to wear sunglasses or another form of suitable eye protection.</i>	<i>Yes</i>	
	<i>Persons could be injured if the operator is distracted by external noise.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to wear ear muffs or some other form of suitable ear protection.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is operated in a location where potential flammable or explosive gases or particles may be present.</i>	<i>Yes</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>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 40 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured due to breathing exhaust fumes during normal operations.</i>	<i>Yes</i>	<i>The manufacturer has provided a suitable exhaust system.</i>	<i>Management should ensure that the operator is instructed to ensure that the exhaust system is leak free and directed in the appropriate direction.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured and/or made unwell if the E.W.P. is started in an unventilated area.</i>	<i>Yes</i>	<i>The manufacturer that provided a battery power source.</i>	<i>Management should ensure that the operator is instructed not to start the E.W.P. in an unventilated area or to switch over to battery power.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured in the event of a fire.</i>	<i>Yes</i>	<i>The manufacturer specifies within the operators manual that a fire extinguisher should be in the working area.</i>	<i>Management should ensure that a fire extinguisher is in the working area and that the operator is instructed how to use the fire extinguisher.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured by contacting the hot exhaust system.</i>	<i>Yes</i>		<i>Management should ensure that the operator and maintenance personnel are advised that the exhaust system will be hot when the unit is operating or has just ceased operations.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 41 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if they dropped items of tools on their feet.</i>	<i>Yes</i>		<i>Management should ensure that persons are instructed to wear safety footwear.</i>	<i>Yes</i>	
	<i>Persons could be injured if the operator is under the influence of alcohol or drugs.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that driving while under the influence of alcohol or drugs is prohibited.</i>	<i>Yes</i>	
	<i>Persons could be injured if the operators performance is inhibited by poor health or medication with side effects.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that he must report to his/her supervisor if he/she is suffering poor health and his/her safe operating performance could be affected.</i>	<i>Yes</i>	
	<i>Persons could be injured if the operators performance was inhibited by excessive fatigue.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that he/she must report to his/her supervisor if he/she is suffering fatigue and his/her safe operating performance could be affected.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 42 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if tools, rags etc. are left in the engine compartment.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to check the engine compartment after work has been carried out there-in.</i>	<i>Yes</i>	
	<i>Persons could be injured if the controls were inadvertently moved due to being caught by the operators loose clothing.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to wear clothing appropriate to his/her duties i.e. close fitting.</i>	<i>Yes</i>	
	<i>Persons could be injured by stunt driving or horseplay.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to behave responsibly and not to indulge in any unwarranted actions.</i>	<i>Yes</i>	
	<i>Persons could be injured by an E.W.P.. with a day dreaming operator who is not concentrating.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to stay alert and concentrate on his/her driving at all times.</i>	<i>Yes</i>	
	<i>Persons could be seriously affected if a minor cut or abrasion on them became infected.</i>	<i>Yes</i>		<i>Management should ensure that a first aid kit is provided within the working area.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 43 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider. HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the operator is distracted by the operating noise of the E.W.P.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to wear ear muffs or some other form of suitable ear protection.</i>	<i>Yes</i>	
	<i>Persons could have their hands injured while working on the E.W.P..</i>	<i>Yes</i>		<i>Management should ensure that these personnel are instructed to obtain and wear suitable gloves.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is operating in extreme temperatures.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to be aware of the temperature range that the E.W.P. will be operating within.</i>	<i>Yes</i>	
	<i>Persons could be injured if they slipped upon a slippery surface such as oil that had been left by a mechanic.</i>	<i>Yes</i>		<i>Management should insure that persons are instructed to clean up any oil spills immediately they occur.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 44 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if they climbed upon an E.W.P. component where oil had been left after maintenance had been carried out.</i>	<i>Yes</i>		<i>Management should ensure that persons are instructed to clean up any oil spills immediately they occur.</i>	<i>Yes</i>	
	<i>Persons could be injured if the maintenance and service personnel do not understand the workings of the E.W.P.</i>	<i>Yes</i>	<i>The manufacturer has provided operational, service and instruction manuals. Only qualified personnel should maintain and service the machine.</i>	<i>Management should ensure that the maintenance and service personnel are instructed to read and thoroughly understand the E.W.P.'s operation, instruction and service manuals.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if servicing, maintenance or repairs occur while the E.W.P. is in an operating situation.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that servicing and maintenance etc. is not carried out while the E.W.P. is in operation <u>except</u> in an emergency.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is being repaired, maintained or serviced on an incline.</i>	<i>Yes</i>		<i>Management should ensure that the driver is instructed that the E.W.P. should be set up on firm level ground for service and general maintenance. Should this not be practical as in the case of a repair, the tracks must be adequately chocked.</i>	<i>Yes</i>	
	<i>Persons could be injured if the boom was used to raise the base of the E.W.P. from the supporting surface e.g. tyre change etc.</i>	<i>Yes</i>		<i>Management should ensure that the operator and the service personnel are instructed not to use the boom to raise the E.W.P base at any time.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 45 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. is started while maintenance personnel are working on it.</i>	<i>Yes</i>	<i>The manufacturer has provided key locking switches on the motor and the electrical system.</i>	<i>Management should ensure that the operator is instructed to remove the key/s from the control panel and retain the key/s or pass if to the responsible maintenance technician working on the E.W.P.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if they are struck by loose or open compartment covers.</i>	<i>Yes</i>	<i>The manufacturer has provided latches on all compartment covers.</i>	<i>Management should ensure that the operator is instructed to ensure that all compartment covers are in place and secured prior to operating the E..W.P.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured while the E.W.P. is being dis-assembled for repairs.</i>	<i>Yes</i>		<i>Management should ensure that the operator and mechanics are instructed that no unauthorised persons shall go near the machine to remove pins or bolts.</i>	<i>Yes</i>	
	<i>Persons could be injured if unauthorised heat is applied to the machines structure.</i>	<i>Yes</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 heat must be supervised by an engineer.</i>	<i>Yes</i>	

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PAGE NO. 46 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. is operated and leakage of battery electrolyte exists.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the E.W.P. is checked and is free from battery 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>Yes</i>	
	<i>Persons could be injured if the E.W.P.'s batteries are charged in a confined area.</i>	<i>Yes</i>		<i>Management should ensure that the person responsible for charging the batteries is instructed to ensure that this operation is only permitted in a well ventilated area. Also ensure that the battery charger or battery are not exposed to water or rain.</i>	<i>Yes</i>	
	<i>Persons could be injured when checking and topping up the E.W.P.'s batteries if a naked flame or power source is present within the area.</i>	<i>Yes</i>		<i>Management should ensure that the operator and the maintenance personnel are instructed that "NO SMOKING" signs should be set up while battery checking and topping up is being carried out. The electric motor should also be switched off.</i>	<i>Yes</i>	
	<i>Persons could be injured during refuelling of the E.W.P. in a confined area.</i>	<i>Yes</i>		<i>Management should ensure that the person responsible for refuelling is instructed to ensure that this operation is only permitted in a well ventilated area.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 47 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider. HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured when refuelling the E.W.P. if a naked flame or power source is present within the area.</i>	<i>Yes</i>		<i>Management should ensure that the person responsible is instructed that 'NO SMOKING' signs should be set up when refuelling and the engine must be switched off and the key removed.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is operated and a fuel leak develops due to lack of proper maintenance.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that all fuel lines and tanks are leak free prior to operating the E.W.P..</i>	<i>Yes</i>	
	<i>Persons could be injured due to the overfilling of fuel tank.</i>	<i>Yes</i>		<i>Management should ensure that the person responsible for refuelling is instructed that the tank must not be filled to the extent that spillage could occur.</i>	<i>Yes</i>	
	<i>Persons could be injured while working upon or being close to any moving mechanical parts while wearing loose clothing.</i>	<i>Yes</i>	<i>The manufacturer has contained most moving parts within the main body of the E.W.P.. Other moving parts have been guarded or warning decals are placed near the items.</i>	<i>Management should ensure that the person working upon the moving mechanical parts is instructed to wear close fitting clothing</i>	<i>Yes</i>	<i>Yes</i>

RISK ASSESSMENT OF PLANT.

PAGE NO. 48 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the electrical wiring is modified.</i>	<i>Yes</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 E.W.P.</i>	<i>Yes</i>	
	<i>Persons could be injured while being under the E.W.P. Boom while work is being carried out on the E.W.P..</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that no persons go under the E.W.P. Boom or platform while work is being carried out on the E.W.P..</i>	<i>Yes</i>	
	<i>Persons could be injured if liquids used to clean the E.W.P. are flammable.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to use flammable liquids to clean the E.W.P..</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is being cleaned with compressed air or pressurised jets of water.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that all persons are evacuated from the area and that he/she should wear safety glasses and a protective face mask while using pressurised cleaning equipment.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 49 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. is operating and maintenance personnel are required to work on the E.W.P. in an emergency.</i>	<i>Yes</i>		<i>Management should ensure that the operator is trained in the use of the emergency stop button.</i>	<i>Yes</i>	
	<i>Persons could be injured while repairs or service work is being carried out on the E.W.P.</i>	<i>Yes</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 E.W.P..</i>	<i>Yes</i>	
	<i>Persons could be injured if splashed with battery acid.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the battery pack always remains in an upright position.</i>	<i>Yes</i>	
	<i>Persons could be injured by an explosion caused by a battery charger unit disconnection.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the battery charger is switched off prior to disconnecting output wires to the battery.</i>	<i>Yes</i>	
	<i>Persons could be insured if the self propelled boom was unable to function due to cessation of its power source i.e. a flat battery.</i>	<i>Yes</i>	<i>The manufacturer has provided a battery charger with charge indicator levels within the E.W.P.'s base.</i>	<i>Management should ensure that the operator is instructed to check the battery power level prior to commencing and during operations.</i>	<i>Yes</i>	<i>Yes</i>

RISK ASSESSMENT OF PLANT.

PAGE NO. 50 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT 19.03.2015 **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. is towed.</i>	<i>Yes</i>	<i>The manufacturer does not recommend the towing of the machine. If necessary refer to the operators manual for procedure.</i>		<i>Yes</i>	
	<i>Persons could be injured if the machine is loaded onto a truck, trailer or float that is not of adequate size, proportion or strength to safely support and carry the E.W.P..</i>	<i>Yes</i>	<i>The manufacturer has specified the weight and size of the unit in the operators manual.</i>	<i>Management should ensure that the E.W.P. operator is instructed to establish with a supervisor that the vehicle upon which the E.W.P. is to be loaded is suitable and safe prior to loading. The mass of the E.W.P. should be clearly nominated in a prominent position.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if part of the machines wheels or the chassis overhang the side of the truck, trailer or float.</i>	<i>Yes</i>		<i>Management should ensure that the E.W.P. operator or the supervisor are instructed to arrange with the carrier for appropriate measures to be taken regarding the overhang e.g. flags or escort.</i>	<i>Yes</i>	
	<i>Persons could be injured if the transport vehicle moved at the time of loading.</i>	<i>Yes</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>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 51 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider. HR28 (SP85). Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. is unloaded from a truck or float onto a soft or unsafe surface.</i>	<i>Yes</i>		<i>Management should ensure that the E.W.P. operator, the supervisor or an engineer are instructed to check the terrain or the surface upon which the E.W.P. will be unloaded upon for strength and solidity.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. was loaded or unloaded on or off a truck, trailer or float at high speed.</i>	<i>Yes</i>		<i>Management should ensure that the E.W.P.e operator is instructed to travel up and down ramps at slow speed while exercising caution.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. was not properly restrained during transport.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the E.W.P. is secured onto the transport vehicle..</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is incorrectly loaded on a ramp to a truck, trailer or float.</i>	<i>Yes</i>	<i>The manufacturer has nominated the maximum gradeability of the machine as 45% with the boom stowed. .</i>	<i>Management should ensure that the E.W.P. operator is instructed to ensure that the angle of the ramp is not excessive and that the machine faces in the direction as set out by the manufacturer in the operator's manual.</i>	<i>Yes</i> <i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 52 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if struck by loose items falling off the E.W.P. while it is being loaded onto a transport vehicle.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that all loose items are removed from the platform prior to loading it onto a transport vehicle.</i>	<i>Yes</i>	
	<i>Persons could be injured while the E.W.P. is being loaded onto a float or trailer and it becomes unstable.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the work procedure as set out in the operator's manual for loading the E.W.P. is strictly adhered to.</i>	<i>Yes</i>	
	<i>Persons could be injured by movement of the boom while the E.W.P. is being loaded onto a transport vehicle.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the pedestal is restrained prior to loading onto a transport vehicle.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. is loaded or unloaded on or off a truck, trailer or float in an uncontrolled manner.</i>	<i>Yes</i>		<i>Management should ensure that the E.W.P. operator is instructed to load or unload the E.W.P. only under the direction of a competent guide.</i>	<i>Yes</i>	

RISK ASSESSMENT OF PLANT.

PAGE NO. 53 **PLANT DESCRIPTION** *Self Propelled Articulated Boom Type E.W.P.* **POWER SOURCE.** *Diesel/Battery* **ORGANISATION** *Nifty Work Platforms.*
DATE OF ASSESSMENT *19.03.2015* **PLANT TYPE.** *Nifty Heightrider, HR28 (SP85), Series*
ASSESSMENT CONDUCTED BY *All Crane & Hoist Consulting & Inspection Services.* **RISK ASSESSMENT METHOD USED** *Visual Inspection.* **ADDRESS.** *11 Kennington Drive Tomago N.S.W. 2322*

No.	Hazard Identified (Describe the situation or parts of plant which could rise to injury or illness).	Is there any risk?		Where there is a risk, describe the proposed risk control measure.	Are the risk control measures practicable.	
		<u>Yes.</u>	<u>No.</u> (Describe the control measures already implemented to address the hazard).		<u>Yes.</u>	<u>No</u>
	<i>Persons could be injured if the E.W.P. is being loaded or unloaded on or off a truck, trailer or float in a public area.</i>	<i>Yes</i>		<i>Management should ensure that the E.W.P. operator is instructed to set up notices, wickets hats and barricades to divert and warn oncoming traffic. A flagman should also be provided.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. was raised or lowered to or from a higher level, or a truck by an incompetent person using a crane.</i>	<i>Yes</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 that crane.</i>	<i>Yes</i>	
	<i>Persons could be injured if the E.W.P. was dropped from a crane while being suspended due to incorrect slinging.</i>	<i>Yes</i>	<i>The manufacturer has nominated the lifting point locations within the operators manual. The manufacturer states in the operators manual that shackles and an adequately rated spreader beam with four slings must be used when lifting with a crane.</i>	<i>Management should ensure that the operator/carrier is trained in the correct method of preparing the E.W.P. to be lifted. If the slings are to be selected by him/her and the method of slinging has not been pre-determined, he/she should be the holder of a Certificate to operate as a Dogman.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the weight of the E.W.P. exceeded the capacity of the crane attempting to raise or lower it due to insufficient information regarding its weight.</i>	<i>Yes</i>	<i>The manufacturer has specified the E.W.P.'s weight within the operators manual and upon the specification plate of the E.W.P..</i>	<i>Management should ensure that the operator/carrier is advised of the location of the specification plate and the mass (weight) of the E.W.P.</i>	<i>Yes</i>	<i>Yes</i>
	<i>Persons could be injured if the capacity of the crane lifting the E.W.P. was insufficient.</i>	<i>Yes</i>	<i>The manufacturer has specified the E.W.P.'s weight within the operators manual and upon the specification plate of the E.W.P..</i>	<i>Management or a supervisor should ensure that the crane has a load chart setting out its correct capacity at the nominated radius.</i>	<i>Yes</i>	<i>Yes</i>

NIFTY WORK PLATFORMS OCCUPATIONAL HEALTH & SAFETY POLICY
IN BRIEF TERMS
MEANS
"HEALTH & SAFETY FIRST"

As "Health & Safety First" is our prime policy we have not classified the identified risks into high and low level risks.

We have considered all risks as being high level risks and have treated them accordingly while preparing "Methods of Control" for these Risks.

NIFTY WORK PLATFORMS

RISK ASSESSMENT
NIFTY WORK PLATFORMS
11 KENNINGTON DRIVE
TOMAGO N.S.W. 2322.

PLANT DESCRIPTION. *Self Propelled Articulated Boom Type E.W.P.*

MODEL TYPES. *Nifty Heightrider HR28 (SP85) Series*

DATE OF ASSESSMENT. *19/03/2015*

ASSESSMENT CONDUCTED BY. *All Crane & Hoist Consulting*

RISK ASSESSMENT METHOD USED. *Visual Inspection.*

& Inspection Services.

<u>THE IDENTIFIED HAZARD</u>	<u>RISK.</u>		<u>THE PROPOSED METHOD OF CONTROL MEASURE</u>	<u>ARE THE RISK CONTROLS METHODS PRACTICAL.</u>	
	<u>YES</u>	<u>NO</u>		<u>YES</u>	<u>NO</u>
<i>Persons could be injured or injure others when operating the Boom Type E.W.P. without sufficient instruction, training and information.</i>	<i>Yes</i>		<i>Having obtained all the relevant information regarding the E.W.P. and its functions management should ensure that the E.W.P. operator is thoroughly trained in its safe operation. The operator must hold an appropriately endorsed National Certificate of Competency.. Training should be reviewed and revision recorded.</i>	<i>Yes</i>	
<i>Persons could be injured if the parked machine was started and/or operated by an unauthorised person/s.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that upon leaving the E.W.P. he/she should take the keys with him/her.</i>	<i>Yes</i>	
<i>Persons could be injured if any of the Boom Type E.W.P's.platforms limits or safety devices are disabled.</i>	<i>Yes</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 result of the inspection should be recorded in the maintenance/log book.</i>	<i>Yes</i>	
<i>Persons could be injured if the E.W.P. is used to drag a load by raising the boom.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed that the E.W.P. is for personnel use only and must not be used for any other purpose.</i>	<i>Yes</i>	
<i>Persons could be injured if the platform is used to exceed its nominated safe working load.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the S.W.L.of the elevated work platform is not exceeded. The weight of all people, tools and materials must be considered at all times.</i>	<i>Yes</i>	
<i>Persons could be injured if they were not restrained from falling from the platform.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that all persons wear and attach approved safety harnesses at all times while being within the platform.</i>	<i>Yes</i>	
<i>Persons could be injured if additional height reaching equipment (ladders, boxes etc) is used to provide additional reach for workers within the platform area.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed to ensure that the E.W.P. is positioned in such a manner that all work may be completed with both his/her feet on the platform floor.</i>	<i>Yes</i>	
<i>Persons could be injured if the Boom Type E.W.P. tips over due to items being placed against the unit.</i>	<i>Yes</i>		<i>Management should ensure that the operator is instructed not to allow items such as ladders etc to be placed against the boom, platform or any other part of the E.W.P.</i>	<i>Yes</i>	

<u>THE IDENTIFIED HAZARD</u>	<u>RISK</u>		<u>THE PROPOSED METHOD OF CONTROL MEASURE</u>	<u>ARE THE RISK CONTROL METHODS PRACTICAL</u>	
	<u>YES</u>	<u>NO</u>		<u>YES</u>	<u>NO</u>
<i>Persons could be injured if they were unable to return to ground level by the normal method of operating the E.W.P.</i>	Yes		<i>Management should ensure that the operator is instructed regarding the operation of the emergency lowering device and its location.</i>	Yes	
<i>Persons could be injured if a poor system of work in relation to the operation of this E.W.P. is being followed.</i>	Yes		<i>Management should ensure that a system of work based on the E.W.P. manufacturers operating instructions is prepared and adhered to at all times.</i>	Yes	
<i>Persons could be injured by live electrical conductors on overhead power line poles if the E.W.P. is near them while in operating mode.</i>	Yes		<i>Management should ensure that the operator is instructed to ensure that the minimum clearance between a E.W.P. while in operating mode and overhead power lines on poles is 3m below and on each side. Any part of the E.W.P. or its components are not permitted anywhere above the power lines. A certificated spotter is required for the sole task of observing and warning against any unsafe approach to the power lines and any other electrical apparatus between 3m and 6.4m of power pole lines.</i>	Yes	
<i>Persons could be injured by live electrical conductors on overhead power line towers if the E.W.P. is near them while in operating mode.</i>	Yes		<i>Management should ensure that the operator is instructed to ensure that the minimum clearance between a E.W.P. while in operating mode and overhead power lines on towers is 8m below and on each side. Any part of the E.W.P. or its components are not permitted anywhere above the power lines. A certificated spotter is required for the sole task of observing and warning against any unsafe approach to the power lines and any other electrical apparatus between 8m and 10m of tower power lines.</i>	Yes	
<i>Persons could be injured if they were not able to retrieve immediate attention in an emergency</i>	Yes		<i>Management should ensure that the operator is instructed not to work alone at any time.</i>	Yes	
<i>Persons could be injured if a machine that has a “DANGER DO NOT USE” tag attached is operated.</i>	Yes		<i>A “DANGER DO NOT USE” sign should be attached to the E.W.P. by an authorized person, signed and dated. Management should ensure that the operator is instructed 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>	Yes	
<i>Persons could be injured if the number of persons on the platform exceed the manufacturers recommendations.</i>	Yes		<i>Management should ensure that the operator is instructed to ensure that the manufacturers recommendation is adhered to and that the load ratings are followed at all times.</i>	Yes	

NOTE. All risks are considered to be major risks.

This document sets out a list of risks which Nifty Work Platforms believe should be brought to the operator’s attention on site. It is an extract from our complete Risk Assessment which also includes technical and design criteria which may be of little interest to the operator.