

## HAZARD IDENTIFICATION, RISK CONTROL DOCUMENT for PLANT

<b>DATE OF ASSESSMENT:</b> <i>SEPTEMBER, 2019</i>	<b>PLANT DESCRIPTION : NIFTYLIFT SELF DRIVE &amp; TRACK DRIVEN EWPs: Model Nos TD120T/TD34T, TD120TN, SD120T (SD34T), TD150T/TD42T, SD170 (SD50) &amp; SD210 (SD64) Series - DIESEL, PETROL, BATTERY, MAINS or BI-ENERGY Powered –  <b>GENERIC RISK ASSESSMENT</b></b>	<b>ORGANISATION:</b> <i>NIFTY Pty Ltd</i>
<b>ASSESSMENT by: HEALTH and SAFETY ENGINEERING Pty. Ltd</b>	<b>HAZARD IDENTIFICATION, RISK CONTROL ASSESSMENT METHOD USED :          SAFETY REVIEW</b>	<b>ADDRESS: 11 Kennington Drive,          Tomago. NSW 2322.</b>

### NOTES:

1. *“Management of the unit” means the “person” legally responsible for the use of the unit; it generally means the employer, the company or the legal entity that has responsibility under the Health and Safety legislation in the State or Territory in which the unit is being used.*
2. *Some items refer to hazards, which can exist if the unit is not adequately maintained – eg. Guards not fitted, gauges fail to correctly display readings etc. The measures listed to control risks arising from this type of hazard include reference to Operating Procedures. Operating Procedures **do not** make the operator responsible for inadequate maintenance/repairs etc. The reference is only included to ensure that such Procedures include the need for the operator to report any faults detected by him/her.*
3. *This Hazard Identification and Risk Assessment has been prepared based on information available at the date of publication and it therefore has a limited lifespan. This Risk Assessment **MUST** be reviewed by all stakeholders and revised :*
  - (a) *At least annually and after any accident or near miss,*
  - (b) *According to the particular circumstances under which the plant and/or process is used and maintained,*
  - (c) *As new hazards are identified or as risks are reassessed,*
  - (d) *As new or revised control measures are implemented,*
  - (e) *As and when work procedures are altered.*

*Although every attempt has been made to identify reasonably foreseeable circumstances, no guarantee as to the completeness of this assessment is implied or provided.*

4. *This document does not purport to be a record that the proposed Risk Controls have been implemented. In order for it to become a complete record that the practicable Risk Controls proposed in Columns C and D have been implemented, the “Management of the Unit” should sign and date Column X against each Item. **Until that step is complete, the document simply records that the foreseeable Hazards (see Note 3 above) have been identified and that practicable Risk Controls have been proposed BUT STILL REMAIN TO BE IMPLEMENTED at the time of publication.** To the extent practicable, the original equipment supplier (Nifty Pty Ltd) has controlled the risks that can be controlled during its manufacturing and supply process, and users of these machines need to identify and control the particular risks that may arise in the use of these machines.*

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5. **Column X** has been provided on the document to allow the “Management” to record that the Hazard Identification, Risk Assessment, Risk Control process has been completed and that all controls are in place and are operating. When **Column X** is completed, the document then becomes a record of the completeness of the process and of the documentation (subject to any changes which need to be further reviewed in accordance with Item 3 above).
  
6. In this Risk Assessment, there has been no attempt to prioritise the risks either in relation to each other or in relation to the company’s budgetary position. It is the view of **Health and Safety Engineering Pty. Ltd** that such rankings are the prerogative of the company management after appropriate consultation.

A	B	C	D	E	F	X
Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
<b>1. GENERAL RISKS ASSOCIATED WITH THE USE OF THESE NIFTY Pty Ltd SELF-DRIVE AND TRACK DRIVEN BOOM TYPE EWP’s IN ANY AND ALL OPERATIONS:</b>						
1.1	Persons could be injured or injure others if the operator follows an unsafe, badly designed or ineffectively implemented system of work in relation to the operation of this machine.	<p>As part of the supply package, NIFTY Pty Ltd provides an “Operator’s Manual” (in hard copy form) to <b>ALL</b> new purchasers. (Operator’s Manual is also accessible online.)</p> <p>As part of the supply package, NIFTY Pty Ltd provides <b>ALL</b> new purchasers with a copy of the relevant Hazard Identification, Risk Control Document (<b>HID/RC document</b>) for Plant.</p> <p>Owners are advised to inform Nifty Pty Ltd when they transfer ownership so any new owner can access future Technical Bulletins.</p>	<p>Ensure the Operator’s Manual is accurate and is able to be easily understood.</p> <p style="text-align: center;"><b>AND</b></p> <p>“Management of the Unit” (see Notes above) should prepare a <b>SAFE WORK PROCEDURE</b> (SWP) based on the Supplier’s information and recommendations as well as on pertinent information about local conditions.</p> <p style="text-align: center;"><b>AND</b></p> <p><b><i>DURING OPERATION OF EWP, USE PHYSICAL BARRIERS AS APPROPRIATE AND IF NECESSARY EXCLUDE ALL ANIMALS, UNAUTHORISED PERSONS OR OTHER MACHINES FROM ENTERING THE WORK AREA, OR FROM APPROACHING WITHIN AN UNSAFE DISTANCE OF THE EWP (distances vary with location and operating conditions but approximately 10 metres minimum is indicated).</i></b></p>	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
1.2	Persons could be injured or injure others when operating the unit without sufficient information, instruction, training and supervision.	<ul style="list-style-type: none"> <li>• Operator’s Manual , and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers.	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- The SWP (that includes appropriate information about local operating conditions) is effectively implemented</li> <li>- Operators are competent, have read and understand the information, instructions and training provided (which should include both the Manufacturer’s and local information),</li> <li>- Competence &amp; accreditation of operator is verified</li> <li>- Appropriate levels of supervision are exercised</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
1.3	Persons may injure themselves or injure others if the unit is used in inappropriate or unsafe locations or operating conditions. For example: <ul style="list-style-type: none"> <li>- When other people, animals or machinery can gain access to the operating area,</li> <li>- the machine skids or gets out of control as a result of wet, slippery, out of level or uneven ground conditions,</li> <li>- on unsuitable gradients,</li> <li>- on ground which cannot support the machine adequately etc.,</li> <li>- too close to live electrical conductors or other sources on energy,</li> <li>- in windy conditions exceeding those specified in Operations Manual</li> </ul>	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers. <p><b>These machines are NOT designed to be driven up, down or across slopes greater than those specified in the relevant Operator’s Manual.</b></p> <p><b><i>They are fitted with suitable drives but care must still be exercised to fully control the machine movement uphill, downhill or across a gradient.</i></b></p> <p><i>Care must also be used where the holding brake arrangement/mechanism cannot hold the machine in any attitude up, down or across a slope, or on uneven ground, or ground that is unable to support the machine, like wet or unstable ground which subsides under the weight of machine</i></p>	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- The location in which these EWP’s operate is assessed by a competent person before the operations commence.</li> <li>- SWP (that includes appropriate information about the work areas) is developed and implemented;</li> <li>- Operator is instructed that SWP is to be followed at all times;</li> <li>- Operators are provided with clear instructions about procedures to be adopted if an accident or other dangerous situation occurs,</li> <li>- Operators are adequately informed, instructed, trained and supervised</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit. <p><b>NOTE: Appropriate Fall Arrest Harnesses and lanyards must be worn by the operator (and any other person) at all times the bucket occupied and such fall arrest gear must be attached to the anchor points fitted on these EWP’s.</b></p>	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	

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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
1.4	<p>Persons may injure themselves or injure others if, for example:</p> <ul style="list-style-type: none"> <li>- a machine that is known to be faulty is operated.</li> <li>- the machine or attachment is damaged or develops a fault during operation,</li> <li>- critical parts deteriorate to the point where they are unsafe, or compromise the safety of other components,</li> <li>- critical adjustments to assemblies or components are not maintained within manufacturer’s tolerances</li> </ul>	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document</li> </ul> <p>are provided to <b>ALL</b> new purchasers Where practicable, guards have been installed by the manufacturer.</p>	<p>Management of the unit must ensure that:</p> <ul style="list-style-type: none"> <li>- Machine is properly maintained in safe operating condition,</li> <li>- SWP (that includes clear instructions relating to procedures to be adopted if any part of the attachment is damaged or becomes unsafe or unserviceable) is developed and implemented,</li> </ul> <p>Operators must be trained and instructed that if the machine is not maintained in a safe operating condition, they are to cease operating the EWP, report the unsafe fault to a supervisor, and secure the machine against any further operation,  <b>AND, if necessary</b> attach to the faulty machine a “DANGER – DON’T USE” tag.                      The above are <b>ALL</b> the responsibility of the Management of the Unit.</p>	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
1.5	<p>Persons may injure themselves or may injure others if anyone rides on the machine in excess of the design capacity (design capacity for most of this range of EWPs is up to 2 people inside the bucket, each wearing appropriate safety equipment)</p>	<p>These machines are <b><u>NOT designed to carry PASSENGERS in excess of their design capacity</u></b> – design capacity for most of this range of EWPs is up to 2 people inside the bucket, each wearing appropriate safety equipment)</p> <p>Operator’s Manual, and</p> <ul style="list-style-type: none"> <li>• HID/RC document</li> </ul> <p>are provided to <b>ALL</b> new purchasers. The machines are fitted with certain safety interlocks. <b>ALL</b> safety interlocks must be maintained in working condition – they must <b>NOT</b> be interfered with.</p>	<p><b>Operators are specifically instructed that this equipment MUST NOT CARRY PASSENGERS IN EXCESS OF ITS DESIGN CAPACITY.</b></p> <p>Management of the unit must ensure that:</p> <ul style="list-style-type: none"> <li>- Safe work procedures are implemented,</li> <li>- Operators are instructed that SWP’s are to be followed at all times,</li> <li>- Operators are adequately informed, instructed, trained and supervised</li> </ul> <p>The above are <b>ALL</b> the responsibility of the Management of the Unit.</p>	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	

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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
1.6	Persons may injure themselves or may injure others if controls are inadvertently, carelessly or negligently activated directly or indirectly by, for example an operator's loose clothing	<ul style="list-style-type: none"> <li>• Operator's Manual, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers Where practicable, guards have been installed by the manufacturer.	<p><b>Operator(s) are instructed to diligently attend to their duties and to wear appropriate protective clothing when attending to his/her duties.</b></p> <p>Management of the unit must ensure that:</p> <ul style="list-style-type: none"> <li>- Safe work procedures are implemented,</li> <li>- Operators are instructed that SWPs are to be followed at all times,</li> <li>- Operator adequately informed, instructed, trained and supervised</li> <li>- Operators are instructed to exclude all other people from the operating area by the use of barricades</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as "Management of the Unit") to access this Risk Assessment information	
1.7	Persons could be injured, or could injure others by allowing people to become trapped in moving mechanical parts while wearing long, uncontrolled hair or loose clothing	<ul style="list-style-type: none"> <li>• Operator's Manual, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers. Where practicable, guards have been installed by the manufacturer but people must not be allowed to approach moving machinery while it is operating (see <b>Item 1.1</b> above).	<p><b>Operators are instructed to wear hair appropriately trimmed, or otherwise controlled when attending to his/her duties and to not allow other people with uncontrolled hair or loose clothing to approach moving machinery.</b></p> <p>Management of the unit must ensure that:</p> <ul style="list-style-type: none"> <li>- Safe work procedures are implemented,</li> <li>- Operators are instructed that SWPs are to be followed at all times,</li> <li>- Operator adequately informed, instructed, trained and supervised</li> <li>- any person with long hair has his/her hair trimmed to a safe length, wears a hair net or uses other appropriate restraining device</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as "Management of the Unit") to access this Risk Assessment information	
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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
1.8	<p>Persons may injure themselves or injure others if, for example:</p> <ul style="list-style-type: none"> <li>- an operator loses concentration or if any careless operations, stunt driving and horseplay is permitted to occur,</li> <li>- an operator loses control of the unit,</li> <li>- they operate these machines while suffering from excessive tiredness, fatigue, being unwell, or while under the influence of drugs, or alcohol,</li> </ul>	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document</li> </ul> <p>are all provided to <b>ALL</b> new purchasers. Where practicable, guards have been installed by the manufacturer.</p>	<p>Management of the unit must ensure that:</p> <ul style="list-style-type: none"> <li>- The environment in which the machine operates is assessed by a competent person prior to the commencement of the operations.</li> <li>- SWP that includes appropriate information about the work areas is developed and implemented;</li> <li>- Operators are instructed that SWP’s are to be followed at all times;</li> <li>- Clear instructions are provided to operators about procedures to be adopted if a dangerous situation occurs (including spotters if necessary),</li> <li>- Operators are informed, instructed, trained and supervised to the extent that they are prevented from operating a machine when they have lost concentration or from indulging in careless operations, stunt driving or horseplay</li> <li>- Operators are instructed and supervised to the extent that they are prevented from operating while suffering excessive tiredness, being unwell, or while under the influence of drugs, or alcohol,</li> <li>- Operators are instructed to report to supervisor if incapacitated to the extent safety could be affected.</li> <li>- Supervisor decides operator’s fitness for work.</li> </ul> <p>The above are <b>ALL</b> the responsibility of the Management of the Unit.</p>	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
1.9	<p>Persons could be injured if they make “<i>unauthorised, incorrect or improper</i>” adjustments to certain machine settings whilst operating.</p>	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document</li> </ul> <p>are all provided to <b>ALL</b> new purchasers. Where practicable, guards have been installed by the manufacturer.</p>	<p>Only a limited number and only certain types of adjustments are safe to make whilst the engine is running and the machine is operating – those “safe” adjustments are specified in the Operators’ Manual. Operators and maintenance personnel must be instructed to adhere <b>STRICTLY</b> to Operator’s Manual instructions when making <b>ANY</b> adjustments.</p>	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	

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A Hazard No.	B Hazard Description - (the situation or parts of plant which could cause injury or illness)	C Describe the Risk Control measures ALREADY implemented	D Proposed SUPPLEMENTARY Risk Control Measures	E Are the control measures practicable?  Yes/No	F For Action by whom	X Confirmation that the necessary action has been completed
<b>2. SPECIAL RISKS ASSOCIATED WITH PARTICULAR CONDITIONS OF USE OF THESE NIFTY Pty Ltd SELF-DRIVE AND TRACK DRIVEN BOOM TYPE EWP's</b>						
2.1	<p>Persons may injure themselves or injure others if the machine is operated in areas where, for example:</p> <ul style="list-style-type: none"> <li>- restricted spaces can compromise safety, such as low structures or tree branches, tunnels, low doorways, underpasses, low electrical conductors etc.,</li> <li>- The operator is distracted by noise.</li> <li>- The operator or other people in the area could suffer hearing loss from excessive noise levels,</li> <li>- The unit is operated in a small, restricted, or confined space</li> <li>- The unit is operated in a location where falling objects such as tree branches, or other uncontrolled objects (site debris etc) can be dislodged, fall and/or injure operator or others in the vicinity,</li> <li>- The machine is operated in windy conditions which exceed those specified in the Operations Manual</li> </ul>	<ul style="list-style-type: none"> <li>• Operator's Manual, and</li> <li>• HID/RC document</li> </ul> <p>are provided to <b>ALL</b> new purchasers. Where practicable, guards have been installed by the manufacturer.</p> <p><b><i>NOTE: The use of EWPs in restricted spaces can carry the risk of an operator crushing him or herself under a fixed object, or exposing him or herself to other hazards such as contact with live electrical conductors or pressurised pipes should they move the bucket and trap themselves between that object and the EWP. Where relevant, Management of the unit must identify these types of hazards and design and implement a SWP to adequately eliminate or minimise the risks in this situation. Some, but NOT ALL models listed in the title block of this Risk Assessment document supplied after January 2018 are fitted as standard equipment with Nifty Pty Ltd SIOPS System (TM) which is designed to minimise the risk of an operator of these EWP's from exposing him or herself to this kind of hazard should they move the bucket and trap themselves between that object and the EWP.</i></b></p>	<p>Management of the unit must ensure that:</p> <ul style="list-style-type: none"> <li>- The SWP (addressing local operating conditions) is effectively implemented,</li> <li>- Noise levels are within the local statutory requirements for that jurisdiction,</li> <li>- Operators are instructed that SWP's are to be followed at all times [use spotter(s) where necessary],</li> <li>- All operators are advised to wear earmuffs or some other form of suitable hearing protection.</li> <li>- Particular SWP's are developed and implemented to deal with small working areas from which escape or rescue is difficult, or in which persons may be crushed, trapped or suffer from exhaust emissions,</li> <li>- Where necessary or appropriate, barricade or restrict entry to the location where operations occur,</li> <li>- Animals or unauthorised persons or other machinery cannot enter the restricted work area without adequate controls being in place, or being exercised by a person with appropriate authority,</li> <li>- Operators are competent, have read and understand the information, instructions and training provided (which must include Manufacturer's and the local information),</li> <li>- The competence &amp; accreditation of the operator is verified,</li> <li>- Appropriate levels of supervision are exercised</li> </ul> <p>The above are <b>ALL</b> the responsibility of the Management of the Unit.</p>	Y	NIFTY Pty Ltd to inform purchaser (as "Management of the Unit") to access this Risk Assessment information	
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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
2.2	Persons could be injured if the machine negotiates or is operated on any slope in excess of the stability limits of the machine, or in other circumstances which could render the unit unstable or uncontrollable (also see <b>Item 1.3</b> )	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers. These machines are <b>NOT</b> designed to move up & down slopes greater than those specified in the <b>Operator’s Manual</b> . <i>They are self-propelled but care must still be exercised to fully control the machine movement uphill, downhill or across a gradient, or where the holding brake arrangement and/or mechanism cannot hold the machine in any attitude up, down or across a slope, on any ground, which is otherwise unsuitable or unsafe.</i>	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- the SWP (addressing particular local operating conditions) is effectively implemented</li> <li>- where necessary, barricade or restrict entry to the location where operations occur</li> <li>- operators are competent, have read and understand the information, instructions and training provided (which must include Manufacturer’s and the local information),</li> <li>- Competence &amp; accreditation of the operator are verified</li> <li>- Appropriate levels of supervision are exercised</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
2.3	Persons may injure themselves or may injure others if the operator’s vision is impaired by, for example, flying debris or sunlight or bright lights in close proximity.	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers.	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- All operators are instructed to wear protective clothing, eyewear and or sunglasses or other form of suitable eye protection or if protection unavailable, to discontinue operation, and</li> <li>- Adequate visibility is maintained in the area of operation, or if not, to cease operation until adequate visibility is available.</li> </ul>	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
2.4	Persons may injure themselves or may injure others if the unit becomes overloaded (for any reason such as safe movement of machine parts is blocked or jammed).	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers.	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- Safe work procedures are implemented,</li> <li>- Operators are instructed that SWP’s are to be followed at all times,</li> <li>- Operator adequately informed, instructed, trained, accredited and supervised</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
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2.5	Persons may injure themselves or may injure others if the unit rolls over, trapping or crushing them, particularly in areas near open excavations, embankments, dams, rivers and lakes, or where other subsidence or any other out of level conditions may occur.	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/ RC documents are provided to <b>ALL</b> new purchasers. Guidance is provided in the Operators’ Manual about stability limits for these commercial EWPs).</li> </ul>	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- the SWP (addressing particular local operating conditions) is effectively implemented</li> <li>- if necessary, barricade or restrict entry to the location where operations occur</li> <li>- operators are competent, have read and understand the information, instructions and training provided (which must include Manufacturer’s and the local information),</li> <li>- The competence &amp; accreditation of the operator is verified</li> <li>- Appropriate levels of supervision are exercised</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
2.6	Persons may injure themselves or injure others if the unit strikes or encounters an unidentified, unrecognised, or foreign object or condition which is in the operating area, for example: large rocks, concealed depressions, electrical or other power sources, underground and/or concealed services such as conductors, pipes, drains, communication facilities, utilities or infrastructure etc. or while operating in conditions of low visibility such as fog, heavy rain, snow storms, blizzards etc.	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document are provided to <b>ALL</b> new purchasers. Where practicable, guards have been installed by the manufacturer.</li> </ul>	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- the SWP (addressing particular local operating conditions) is effectively implemented</li> <li>- operators are competent, have read and understand the information, instructions and training provided (which must include Manufacturer’s and the local information),</li> <li>- The competence &amp; accreditation of the operator is verified</li> <li>- Appropriate levels of supervision are exercised</li> <li>- The area in the operating zone is cleared of all loose and/or foreign objects which might “fly” if struck by any attachments fitted to the EWP, and</li> <li>- Adequate visibility is maintained at all times (see 2.3 above)</li> <li>- The area in the operating zone is “swept” for underground and/or concealed facilities and utilities etc.</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	

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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
2.7	Persons could be injured if the EWP machine is operated during a thunder or lightning storm	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers.	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- Safe work procedures are implemented,</li> <li>- Operators are instructed that SWP’s are to be followed at all times,</li> <li>- Operator adequately informed, instructed, trained and supervised</li> <li>- Operators should be instructed not to operate in the open during thunderstorms and to cease using the EWP &amp; keep away from it if thunder or lightning storms approach.</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
2.8	Persons could be injured if they try to jump onto, or if they try to alight from the EWP while it is moving	These machines are designed as <b>“RIDE ON EQUIPMENT”</b> only to the extent specified in the Operator’s Manual which together with this HID/RC document is provided to <b>ALL</b> new purchasers. The machines are also fitted with certain safety interlocks, including some models fitted with <b>SIOPS System (TM)</b> and a foot switch. <b>ALL</b> safety interlocks must be maintained in working condition – they must <b>NOT</b> be interfered with.	<b>Operators are specifically instructed that they must not attempt to jump onto or off a machine while it is moving and that the equipment is designed to carry passengers only to the extent specified in the Operators’ Manual.</b> Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- Safe work procedures are implemented,</li> <li>- Operators are instructed that SWP’s are to be followed at all times,</li> <li>- Operators are adequately informed, instructed, trained and supervised</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
2.9	Persons could be injured if they smoke or allow any other person to smoke while the unit is being re-fuelled and/or serviced; similar risks exist if fuel or engine oil is added to the EWP while engine is hot.	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers.	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- Safe work procedures are implemented,</li> <li>- Operators are instructed that SWP’s are to be followed at all times,</li> <li>- Operator adequately informed, instructed, trained and supervised</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	

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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
<b>3. PARTICULAR RISKS ASSOCIATED WITH MAINTENANCE, ASSEMBLY OR SETUP OF THESE NIFTY Pty Ltd SELF-DRIVE &amp; TRACK DRIVEN BOOM TYPE EWP's</b>						
3.1	Persons may injure themselves or may injure others: - If the maintenance and/or service personnel do not understand the workings of the machine, - During the assembly, or while fitting any part or other attachment (permitted by the manufacturer or supplier) to the EWP	<ul style="list-style-type: none"> <li>• Operator’s Manual which includes maintenance protocols, and</li> <li>• HID/RC document are provided to <b>ALL</b> new purchasers. New owner advised that only qualified personnel should maintain and service the machine.</li> </ul>	Management of the unit must ensure that: - the maintenance and service personnel read and thoroughly understand the “Operator’s Manual” which includes maintenance protocols, - Safe work procedures are implemented, - Service & maintenance personnel are instructed that SWP’s are to be followed at all times, - Service & maintenance personnel are adequately informed, instructed, trained and supervised The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
3.2	Persons could be injured if certain structural members of the unit fail.	<ul style="list-style-type: none"> <li>• Operator’s Manual which includes maintenance protocols, and</li> <li>• HID/RC document are provided to <b>ALL</b> new purchasers.</li> </ul>	<ul style="list-style-type: none"> <li>- Unit has been designed and manufactured in accordance with appropriate Standards (AS1418.10 or equivalent),</li> <li>- Unit is warranted to be free from defects in materials and workmanship for a specified period,</li> <li>- Maintenance &amp; inspection schedules are stipulated in Operator’s Manual.</li> </ul>	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
3.3	Persons may injure themselves or injure others if: - the unit is operated when any of the safety interlock switches is absent, faulty or fails in service (Units are fitted with safety interlock switches which require routine maintenance. These switches listed in the Operator’s Manual	<ul style="list-style-type: none"> <li>• Operator’s Manual which includes maintenance protocols, and</li> <li>• HID/RC document are all provided to <b>ALL</b> new purchasers.</li> </ul>	Management of the unit must ensure that: - Safe work procedures are implemented, - Operators are instructed that SWP’s are to be followed at all times, - Operator adequately informed, instructed, trained and supervised - Maintenance and service personnel read and thoroughly understand the Operator’s Manual which includes maintenance protocols, - the safety devices are present, operating, adjusted and calibrated as recommended by the manufacturer. The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform Dealer to enable “Management of the Unit” to access this information.	
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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
3.4	Persons could be injured if the machine is being repaired, maintained or serviced on an incline.	<ul style="list-style-type: none"> <li>• Operator’s Manual which includes maintenance protocols, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers.	Instruct all operators (SWP) that the machine should be set up on firm level ground for service and general maintenance. Should this not be practical as in the case of emergency repair, the wheels must be adequately chocked or machine otherwise suitably immobilised before being worked on. See Operators’ Manual for directions.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information.	
3.5	Persons may injure themselves or injure others if machinery is cleaned using inappropriate methods or cleaning products or left partially covered with debris such as leaves, grass, rags, oil, solvent or other flammable matter	<ul style="list-style-type: none"> <li>• Operator’s Manual which includes maintenance protocols, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers.	Management of the unit must ensure that: - Operators and supervisors are instructed to ensure as far as practical machinery is left in good clean condition after use, to report faults to maintenance, and to check the unit before use as per Operator’s Manual. Management of the unit should also provide a logbook for use by operators and service personnel	Y	NIFTY Pty Ltd to inform Dealer to enable “Management of the Unit” to access this information	
3.6	Persons may be injured if the structure or operating systems are modified in a way which is outside the design and manufacturing specification.	<ul style="list-style-type: none"> <li>• Operator’s Manual which includes maintenance protocols, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers.	Management of the machine is to ensure that no modifications are made without the knowledge, acceptance and/or approval of the designer, supplier or manufacturer, or without adequate engineering input to the modification.	Y	NIFTY Pty Ltd to inform purchaser (as “Management of the Unit”) to access this Risk Assessment information	
3.7	Persons may injure themselves or may injure others if: - the unit is operated without the guards supplied and fitted by the manufacturer, or - debris is ejected from machine.	<ul style="list-style-type: none"> <li>- Where practicable, guards are installed over dangerous parts</li> <li>- Unit undergoes pre-delivery inspections (controlled by supplier’s checklist)</li> </ul> Certificate covering these inspections provided to customer at delivery	<ul style="list-style-type: none"> <li>• Operator’s Manual which includes maintenance protocols, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers. Advice provided that equipment is not to be operated unless guards and suitable barricades are in place and in good condition.	Y	NIFTY Pty Ltd to inform Dealer to enable “Management of the Unit” to access this information.	
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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
3.8.	Persons may injure themselves or injure others if the machine is inadvertently or carelessly started while storing, adjusting or servicing any parts or attachments.	<ul style="list-style-type: none"> <li>• Operator’s Manual which includes maintenance protocols, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers. Certain maintenance procedures require that the machine be secured in an out of service condition while that maintenance work is carried out.	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- Safe work procedures are implemented,</li> <li>- Operators are instructed that SWP’s are to be followed at all times,</li> <li>- Operator adequately informed, instructed, trained and supervised</li> <li>- Maintenance and service personnel read and thoroughly understand the “Operator’s Manual” which includes maintenance protocols,</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform Dealer to enable “Management of the Unit” to access this information	
3.9	Persons could be injured if, for example, the operator’s hands slip off the controls or their feet slip off the control pedals when the machine is operating.	Controls as supplied have appropriate friction properties and these must be maintained in a safe condition or be replaced. Operators are also instructed to ensure they maintain good solid footing whilst operating machine. The above are <b>ALL</b> the responsibility of the Management of the Unit.	<ul style="list-style-type: none"> <li>• Operator is to be instructed that his hands or gloves are to be kept dry at all times of operation,</li> <li>• Operator is to be instructed not to wear unsafe, incompatible or worn footwear</li> <li>• Operator is advised to report worn or unserviceable parts to Supervisor</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform Dealer so “Management of the Unit” can access this information.	
3.10	Persons may injure themselves or others, for example: <ul style="list-style-type: none"> <li>- if replacement parts or other attachments incorrectly fitted,</li> <li>- if the unit is operated without all the guards &amp; warning decals supplied being maintained in place,</li> <li>- if any of the gauges fail to correctly display readings,</li> <li>- if pneumatic or semi-pneumatic tyres are used at incorrect inflation pressures.</li> </ul>	Hoses, pipes, fittings and attachments appropriate for the “duty” for which the machine is designed, have been selected by designer and installed by the manufacturer. <ul style="list-style-type: none"> <li>• Operator’s Manual which includes maintenance protocols, and</li> <li>• HID/RC document</li> </ul> are provided to <b>ALL</b> new purchasers.  <b>NOTE:</b> This HID/RA/RC document does not apply if the EWP is used with any part or attachment other than an OEM item, or which is not authorised by NIFTY Pty Ltd	Management of the unit must ensure that: <ul style="list-style-type: none"> <li>- Service/maintenance personnel read, understand and follow the Operator’s Manual including maintenance protocols at all times, and</li> <li>- SWP’ are implemented (operators/service personnel to check components using appropriate methods - see pre-operational checks.</li> <li>- Service/maintenance personnel instructed that SWP’s to be followed at all times (operators/service personnel to report oil leaks to supervisor, <b>AND</b> to clean up all spilt oil using appropriate methods and equipment.),</li> <li>- Service &amp; maintenance personnel are adequately informed, instructed, trained and supervised,</li> </ul> The above are <b>ALL</b> the responsibility of the Management of the Unit.	Y	NIFTY Pty Ltd to inform Dealer so “Management of the Unit” can access this information.	

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Hazard No.	Hazard Description - (the situation or parts of plant which could cause injury or illness)	Describe the Risk Control measures ALREADY implemented	Proposed SUPPLEMENTARY Risk Control Measures	Are the control measures practicable?  Yes/No	For Action by whom	Confirmation that the necessary action has been completed
3.11	Persons could be injured if they make “ <i>unauthorised, incorrect or improper</i> ” adjustments to certain machine settings whilst the machinery is operating	<ul style="list-style-type: none"> <li>• Operator’s Manual, and</li> <li>• HID/RC document are all provided to <b>ALL</b> new purchasers.</li> </ul> Where practicable, guards have been installed by the manufacturer.	Only a limited number and only certain types of adjustments are safe to make whilst the machinery is operating – these “safe” adjustments are specified in the Operators’ Manual. Operators and maintenance personnel must be instructed to adhere <b>STRICTLY</b> to Operator’s Manual instructions when making <b>ANY</b> adjustments.	Y	NIFTY Pty Ltd to inform Dealer to enable “Management of the Unit” to access this information.	
3.12	Persons could be injured by unrecognised hazard.	- Preliminary Hazard ID prepared and provided.	Review Hazard ID to verify that all hazards are recognised and addressed, update hazard ID as necessary, <b>AND</b> Implement Risk control measures having regard to the hierarchy of control measures available, <b>AND</b> Provide Hazard ID to relevant parties for review with respect to residual risks which fall under their control.	Y	NIFTY Pty Ltd to inform Dealer so “Management of the Unit” can access information.	
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