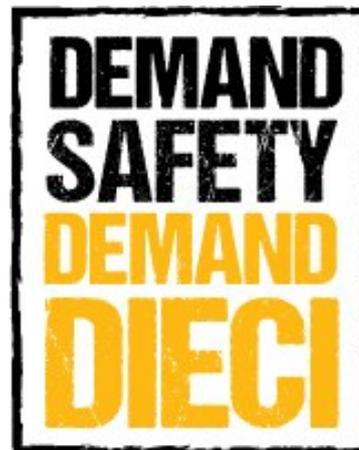


Report Date	4 May 2016
Assessor	Garry Norford
Plant Type	Telescopic Handler
Make	Dieci
Model	Dedalus
Size	30.7
Serial No.	1871721
Assessment Type	Sale
Location	Ingleburn



Contents

SECTION 1: Relevant Information.....	2
SECTION 2: Risk Evaluation, Analysis and Treatment.....	3
SECTION 3: PART 1 Risk Treatments Necessary	5
Plant Operation	5
SECTION 3: PART 2 Risk Treatments in Place	5
Plant Delivery.....	5
Operation.....	6
Design Compliance	10

SECTION 1: Relevant Information

This document has been prepared to cover the sale or transfer of this item of plant between Dieci Australia and the named recipient. This report must not be used for any subsequent sale or transfer.

This document is provided to meet duty of care obligations as set out in OH&S regulations for the supply of plant and the sale and transfer of plant.

The safety hazards associated with the operating and maintaining of this item of plant have been identified as far as practical by visual inspection. This item of plant is being sold in an "as-is" condition with known and unknown safety hazards. No physical testing has been conducted (eg. Wire rope tests, stress tests, structural/non-destructive tests, noise tests, vibration tests, brake tests, insulation tests etc.) unless stated otherwise in the notes.

This document is not intended to provide information on, nor warrant the mechanical, electrical or structural condition of this item of plant. Any information on standard features have been supplied through the manufacturer and should be used as a guide only until otherwise verified.

This item of plant should be further assessed, tested and inspected or dismantled as necessary to gauge any further hazards and /or risks relating to SPECIFIC WORKPLACE USE, which are currently unknown, in accordance with relevant standards, regulations and acts.

Under common law and OH&S acts, regulations and code of practice, there is a requirement for the plant owner, employer and operator to exercise a duty of care in the safe operation and maintenance of plant. Accordingly before this item of plant is supplied to, or used at any workplace it must be inspected to ensure it is in a fully operational , safe and serviceable condition and that operators and maintenance personnel are appropriately trained in the use & maintenance of this item of plant.

Further information about this report can be obtained by contacting Dieci Australia on 1300 888 479

RISK ANALYSIS

CONSEQUENCE

		Very Low	Low	Medium	High	Very High
		1	2	3	4	5
PROBABILITY	Very High 5	Med 5	High 10	High 15	Critical 20	Critical 25
	High 4	Med 4	Med 8	High 12	High 16	Critical 20
	Medium 3	Low 3	Med 6	Med 9	High 12	High 15
	Low 2	Low 2	Low 4	Med 6	Med 8	High 10
	Very Low 1	Low 1	Low 2	Low 3	Med 4	Med 5

RISK EVALUATION

CRITICAL	Act immediately to mitigate risk. Implement risk treatment(s) in accordance with the risk treatment table below.
HIGH	Act immediately to mitigate risk. Implement risk treatment(s) in accordance with the risk treatment table below. If the appropriate permanent risk treatments are not immediately accessible, establish interim risk treatment strategies. Permanent risk treatments must be implemented within one week.
MEDIUM	Take reasonable steps to mitigate and monitor the risk. Implement risk treatment(s) in accordance with the risk treatment table below. Permanent risk treatments must be implemented within one month.
LOW	Take reasonable steps to mitigate and monitor the risk. Implement risk treatment(s) in accordance with the risk treatment table below. Permanent risk treatments must be implemented within three months.

Risk treatment

Selecting the most appropriate risk treatment option involves balancing the costs and efforts of implementation against the benefits derived, with regard to legal, regulatory and other requirements.

Eliminate	Eliminate the risk source.
Substitute	Provide an alternative that is capable of performing the same task which is safer.
Engineering	Provide or construct a physical barrier or guard.
Administrative	Develop policies, procedures, practices and guidelines in consultation with employees to mitigate the risk. Provide training, instruction and supervision about the risk source.
Personal Protective	Provide personal protective equipment to protect the individual from the risk source.

SECTION 3: PART 1 Risk Treatments Necessary

This section of the report pertains to hazards created by use of this item of plant which currently do not have risk treatments in place. The risk treatments recommended in this section have been developed based on relevant Australian Standards, legislation, the hierarchy of risk treatment in accordance with the guidelines set forth in AS/NZS ISO 31000 – Risk Management and various other sources. The recommended risk treatment measures must be developed, implemented and validated as effective prior to the operation, maintenance or testing of this item of plant. Treatments applied must be dated and initialled adjacent the recommendations. All operators must read and understand the entire contents of this section prior to operating this item of plant.

Plant Operation

Hazard(s):	Incorrect Operation	References:	AS1470, ISO31000-2009 Risk Management
Risk Analysis Rating:	Critical 20	Urgency:	Immediate
Risk Treatment Required:	Operator Competency based training		

Only persons who are qualified, trained and experienced and/or hold the relevant certification/license can operate this item of plant. If there is not a competent/licensed person available for operation of this item of plant then only persons who are supervised by a competent/licensed person can operate this item of plant.

Applicable Legislation: State Health and Safety Legislation and Regulation

SECTION 3: PART 2 Risk Treatments in Place

Plant Delivery

Hazard(s):	Crushing	References:	N/A.
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Safe Work Method Statement on Loading and Unloading of plant		

Ensure that all operators follow these steps when loading and unloading this machine to and from a flat top truck or trailer, low loader or tilt tray -

Step 1

- Vehicle choice
 - Vehicle load carrying capacity must be equal or greater than the sum of machine, attachments and any ancillary equipment
 - Vehicle must have adequate space for the load
 - Load carrying deck must be clean

Step 2

- Site selection
 - Site for loading and unloading must meet the following criteria -
 - i. Be level in camber (to achieve this direction of carrier unit may need to be adjusted several times)
 - ii. Longitudinally the combined grade of site and loading ramps/elevated tilt tray must NEVER exceed the gradeability of machine being loaded
 - iii. Be stable enough to withstand combined weight of machine and carrier unit
 - iv. Be isolated from traffic movements via its location, barriers or administrative traffic controls
 - v. Be clear of overhead power lines

Step 3

- Loading
 - FLAT TOP/LOW LOADER
 - i. Engage creep gear
 - ii. Clear bystanders from each side of the carrier unit and loading ramps
 - iii. Drive machine on slowly
 - iv. Place machine in transport/park configuration, apply brakes & shut off engine
 - v. Use extreme caution when egressing machine
 - TILT TRAY
 - i. Manoeuvre machine to adjacent tilt tray, NEVER drive machine onto a tilt tray
 - ii. Place machine in park configuration, apply brakes & shut off engine
 - iii. Attach winch cable to machine tow point
 - iv. Clear bystanders from each side of the carrier unit and loading ramps
 - v. Take up slack so that winch has weight of unit
 - vi. Place machine in towing configuration (release brake, select neutral gear/disengage hydrostatic drive)
 - vii. Egress machine, NEVER ride in or on machine whilst being winched onto a tilt tray
 - viii. Winch machine on slowly

- ix. Place machine in transport/park configuration, apply brakes & shut off engine x. Use extreme caution when egressing machine
- xi. Engage any transit locks

Step 4

- Restraint
- See transport restraint guidelines

Hazard(s): Crushing **References:** N/A.

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Safe Work Method Statement on Load Restraint

Ensure that all operators follow these steps when restraining this machine for

transport - Step 1

- Loading
- Load machine as per loading guidelines

Step 2

- Load placement
- Loads must be placed so that the centre of it's mass is in front of the centre of the rear axle/axle group

Step 3

- Lashing choice
- Always select lashings whose combined lashing capacity is –
 - i. In the forward direction equal to or greater than 2 x the weight of the load
 - ii. In the sideways direction equal to or greater than the weight of the load
 - iii. In the rearward direction equal to or greater than the weight of the load
- Always select tensioning devices whose capacity is equal to or greater than the chain/webbing lashing capacity

Step 4

- Lashing technique
- Lashing must be from tie down point on machine to dedicated attachment point on carrier truck or trailer (if no tie down points fitted machine must be tied down by axles or chassis)
- Lashing point on truck or trailer must have sufficient strength to hold machine weight
 - i. Minimum one chain per tie down point
 - ii. One tensioning device per chain
 - iii. Ratio of horizontal to vertical as close to 2:1 as possible
 - iv. Chains must not at right angles to the machine in any plane (unless two chains used per tie down point)
- Tips
- NEVER USE FAULTY OR DAMAGED RESTRAINING EQUIPMENT
- All machines must be restrained including any attachments and ancillary equipment
- Chains may need to be tied forwards/backwards or across the truck/trailer to achieve the 2:1 ratio or angle less than 90 degrees to machine
- More than one chain may be necessary per tie down point to achieve restraining capacity
- Attach lashings to rail at rail support intersection

Operation

Hazard(s): Poor Signage **References:** AS1418.1-2002 Cranes, General Requirements

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Rated Capacity (SWL) Label

This item of plant has a rated capacity (SWL) label. This capacity must not be exceeded at any time during operation. This label must be clear and legible at all times whilst this item of plant is in operation.

Hazard(s):	Incorrect Operation	References:	AS1470, AS2153, ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Operation Handbook		

The manufacturer's operation handbook has been supplied for this item of plant.

This handbook must be available at all times to all potential operators and supervisory staff. All potential operators must read and be familiar with this handbook prior to operating.

A complete risk assessment/Job Safety Analysis must be undertaken covering all operating processes and environments associated with this item of plant. SWMS should be produced for specific tasks associated with use of this item of plant.

Hazard(s):	Non Compliance	References:	AS2550
Risk Analysis Rating:	High 10	Urgency:	N/A.
Risk Treatment Required:	Log Book		

The plant log book is available for this item of plant, ensure that all service, maintenance, inspections and use are recorded in the log.

Hazard(s):	Crushing	References:	AS1470, AS1636, AS2294, ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	ROPS Decal		

The warning decal stating that the ROPS must not be damaged at any time (including cuts, drill holes and welds) must be present, clean and legible at all times.

Hazard(s):	Crushing	References:	AS1064, AS1470, AS4024, HB59, ISO31000-2009 Risk Management
Risk Analysis Rating:	Med 6	Urgency:	N/A.
Risk Treatment Required:	Control Decals		

If machine is fitted with stabiliser legs, a crush zone hazard warning label is to be fitted adjacent to each stabiliser leg.

Hazard(s):	Incorrect Operation	References:	AS1064, AS1470, AS4024, HB59, ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Control Decals		

All controls including all levers, buttons, pedals, switches etc. are clearly labelled as to their purpose and method of operation. These labels must be maintained in a clean and serviceable condition at all times.

Hazard(s):	Incorrect Operation	References:	ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Pre-operational Checklist		

A pre-operational checklist is available for this Telescopic Handler. All operators must complete this checklist prior to operating this Telescopic Handler.

Hazard(s):	Crushing, Falling	References:	AS1470, AS1636, AS2294, ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Passenger Seat Decal		

This item of plant is fitted with a clear hazard warning label re: Operator only, No passengers. Passengers must not be carried at anytime. This label must be clear and legible at all times whilst this item of plant is in operation.

Legislation: State Health and Safety Legislation and Regulation.

Hazard(s):	Incorrect Operation	References:	ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Safe Operating Procedures		

Safe Operation Procedures are available for this Telescopic Handler. The information in the Safe Operation Procedures must be followed at all times whilst operating this Telescopic Handler.

Hazard(s):	Electrocution	References:	AS1470, AS2550, AS3017, ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Electrical Approach Distances		

This item of plant has a hazard warning label re: overhead electrical hazards and minimum approach distances fitted. These distances must be adhered to strictly. These labels and tables must be present, clear and legible at all time.

Spotters are required when working within 5 metres of the minimum approach distance of any live electrical apparatus.

Any encroach within the minimum approach distances must only occur if the following provisions have been met -

1. The machine is designed to work within the minimum approach distances
2. Permission has been granted by the electricity company and
3. Safe systems of work have been documented and approved.

Hazard(s):	Crushing	References:	ISO31000-2009 Risk Management, ISO3471-2008
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	ROPS Seat Belt Decal		

The advisory label stating that a "ROPS is fitted seatbelts must be worn" must be followed at all times whilst operating this item of plant. This label must be present, clean and legible at all times.

Hazard(s):	Burns, Entanglement, Shearing	References:	AS1470, AS2153
Risk Analysis Rating:	High 12	Urgency:	N/A.
Risk Treatment Required:	Engine Guard Decal		

The engine fan and alternator belts, pulleys and gears are guarded. These guards have clear legible hazard warning labels re do not open or remove guards while engine is running. These labels must be present, legible and easily seen at all times whilst this item of plant is in operation.

Hazard(s):	Crushing	References:	AS1470, AS2153, ISO31000-2009 Risk Management
Risk Analysis Rating:	High 10	Urgency:	N/A.
Risk Treatment Required:	Crush Zone Decal		

The loader boom on this item of plant is fitted with a hazard warning label re: crush zone, keep clear. This label must be present and fully functional and serviceable at all times.

Hazard(s):	Collision	References:	ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Phone Use Decal		

This item of plant is fitted with an instruction label advising that mobile phones must not be used whilst operating this machine.

Accordingly all operators must not use a mobile phone at any time whilst operating machine. If phone use is necessary then operator must

place machine in park configuration in a safe position prior to phone use. Operators MUST adhere to this advice at all times.

This label must be clear and legible at all times whilst this item of plant is in operation.

Hazard(s):	Collision	References:	AS1470, ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Left Hand Drive Decal		

This item of plant has a hazard warning label re: left hand drive, at the rear. It must be present, clear and legible at all times.

Hazard(s):	Burns, Explosion, Poisoning	References:	AS1470, AS2153, ISO31000-2009 Risk Management
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Tank ID Label		

The tank(s) on this item of plant have clear, legible label(s) identifying their contents, and if appropriate any necessary controls re: the contents. These must be present, clear and legible at all times. (this includes radiator, hydraulic and petrol/diesel tanks).

Hazard(s):	Collision, Crushing, Striking	References:	AS1470, AS2153, AS4024, ISO31000-2009 Risk Management
Risk Analysis Rating:	Medium 9	Urgency:	N/A.
Risk Treatment Required:	Tail Swing Decal		

The rear of this item of plant has a hazard warning label re: general plant movement, tail swing, keep clear. It must be present and fully functional and serviceable at all times.

Hazard(s):	Collision, Crushing	References:	AS1470, AS2153, AS2359, ISO31000-2009 Risk Management
Risk Analysis Rating:	Medium 9	Urgency:	N/A.
Risk Treatment Required:	Audible Warning Device (Horn)		

This item of plant is fitted with a fully functional audible warning device such as a horn. This must be easily accessed by the operator, and easily identifiable by nearby pedestrians.

All operators should ensure the warning devices are functional at the start of each shift, by completing pre-start checklists. Warning devices should operate automatically where appropriate (eg reversing).

Hazard(s):	Incorrect Operation	References:	AS1470, AS2359, ISO31000-2009 Risk Management
Risk Analysis Rating:	Medium 9	Urgency:	N/A.
Risk Treatment Required:	Load Chart		

This item of plant is fitted with a manufacturers load plate. This plate must be clean, free from damage and legible at all times. This load plate must contain the following information as a minimum - Manufacturers specifications re:

1. Plant weight.
2. Correct operating tyre pressures.
3. Lifting and angle capacity.
4. Maximum height to which a given load can be lifted.

All operators must read, understand, use and comply with this information during operation of this item of plant.

Hazard(s):	Fire	References:	AS1470, AS1841, AS1851, ISO31000-2009 Risk Management
Risk Analysis Rating:	Medium 4	Urgency:	N/A.
Risk Treatment Required:	Fire Extinguisher		

This item of plant is fitted with an approved and maintained fire extinguisher. Fire extinguisher(s) must be present and fully functional at all times. They must be readily accessible to the operator. Regular inspections must also be carried out in accordance with the manufacturer's requirements and AS 1851 – 1995.

Hazard(s):	Collision	References:	ISO31000-2009 Risk Management
Risk Analysis Rating:	Medium 6	Urgency:	N/A.

Risk Treatment Required: Recovery Point Label

This item of plant is fitted with a hazard warning label adjacent the recovery tow point which states "Danger - Do not tow this item of plant until you read, understand and follow the manufacturers' towing instructions. Failure to do so could result in DEATH or Serious Injury".

This label must be clear and legible at all times whilst this item of plant is in operation.

Design Compliance

Hazard(s): Collision **References:** AS1470, ISO31000-2009 Risk Management

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Beacon

This item of plant is fitted with a safety beacon. This beacon must meet the following criteria at all times whilst this item of plant fitted is in operation -

- is visible up to 200m in all directions (allowing for intermittent obstruction from the plant structure whilst the plant is in operation)
- is fitted in the most appropriate location on machine to maximise visibility without risking continual damage

NOTE: more than one beacon may be fitted to meet these criteria.

Hazard(s): Crushing **References:** ISO24135.1-2006, ISO3776.1-2006, ISO6683-2005

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Seat Belt

This item of plant is fitted with an operator seat belt. This seat belt must be free from damage, and permanently and sturdily attached at all times whilst this item of plant is in operation. Operators must use this seat belt at all times during operation.

Hazard(s): Collision, Crushing **References:** AS1470, ISO31000-2009 Risk Management

Risk Analysis Rating: Critical 20 **Urgency:** N/A.

Risk Treatment Required: Park Brake

The park brake fitted to this item of plant is fully functional at all times. The park brake must be regularly inspected and tested. These inspections and tests must be documented as part of your plant safety programme.

Hazard(s): Entrapment **References:** AS1470, AS2153.7, AS2953, ISO31000-2009 Risk Management, ISO4252

Risk Analysis Rating: High 10 **Urgency:** N/A.

Risk Treatment Required: Two Operator Exits

The operator cabin/work area on this item of plant has a minimum of two (2) possible exits. These must be functional and accessible at all times whenever the item of plant is manned, whether during operation or maintenance activities.

Hazard(s): Incorrect Operation, Crushing **References:** AS1418.1-2002, AS1418.10-2007, AS1418.19-2007

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Manual Boom Angle Indicator

This item of plant is fitted with a boom angle indicator. The information provided by this device must be used in conjunction with the boom length indicator and the load chart in the operators work area. The combination of information provided by these safety features must not be exceeded at any time during operation. This item of plant must not be operated if this device is not present and fully functional.

Hazard(s): Incorrect Operation, Crushing **References:** AS1418.1-2002, AS1418.19-2007

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Boom Length Indicator

This item of plant is fitted with a telescopic boom length indicator. The information provided by this device must be used in conjunction with the boom angle indicator and the load chart in the operators work area. The combination of information provided by these safety features must not be exceeded at any time during operation. This item of plant must not be operated if this device is not present and fully functional.

Hazard(s): Incorrect Operation, Crushing **References:** AS1418.1-2002, AS1418.19-2007

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Electronic Boom Angle Indicator

This item of plant is fitted with an electronic and gravity pendulum boom angle indicator. The information provided by these devices must be used in conjunction with the boom length indicator and the load chart in the operators work area. The combination of information provided by these safety features must not be exceeded at any time during operation. This item of plant must not be operated if these devices are not present and fully functional.

Hazard(s): Incorrect Operation, Crushing **References:** AS1418.19-2007

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Longitudinal Stability Indicator

This item of plant is fitted with a longitudinal stability indicator. This indicator warns both visually and audibly when the rated capacity based on longitudinal stability is being approached. This warning must not be ignored. Operators must immediately take the appropriate actions to decrease longitudinal instability. This item of plant must not be operated if this device is not present and fully functional.

Hazard(s): Incorrect Operation, Crushing **References:** AS1418.19-2007

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Longitudinal Stability Limiter

This item of plant is fitted with a longitudinal stability limiter. This safety device restricts operation in excess of the item of plants longitudinal tipping load. Operation of this item of plant must cease if this safety device is not present and fully functional.

Hazard(s): Incorrect Operation, Crushing **References:** AS1418.19-2007

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Lateral Slope Indicator

This item of plant is fitted with a lateral slope indicator. This indicator must always be easily legible from the normal operating position and indicate level and permitted lateral slope as specified by the rated capacity chart. The maximum permissible lateral slope must not be exceeded at anytime during operation of this item of plant. Operation of this item of plant other than on level ground must cease if this device is not present and fully functional.

Hazard(s): Collision, Crushing **References:** AS1470, AS4024, ISO31000-2009 Risk Management, ISO7731-2003
ISO9533-2010

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Reverse Movement Alarm

A reverse movement sensor alarm is fitted to this item of plant. It must be fully functional and serviceable at all times whilst this item of plant is in operation.

Hazard(s): Cutting, Entanglement, Shearing **References:** AS1470, AS3792.1-1990, AS4024, ISO31000-2009 Risk
Management

Risk Analysis Rating: High 15 **Urgency:** N/A.

Risk Treatment Required: Emergency Stop Device

This item of plant is fitted with an emergency stop device.

The emergency stop must meet all of the following criteria whilst this item of plant is in operation:

1. Is operational
2. Is coloured red
3. Is clearly labelled as to purpose and method of operation
4. Is easily accessible to the operator at all times whilst operating this item of plant
5. Resetting of emergency stop does not automatically restart machine.

Hazard(s):	Crushing	References:	AS2294, ISO3471-2008
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Earthmoving ROPS		

A Roll Over Protective Structure (ROPS) to AS 2294, ISO 3471, ISO 12117.1 or 2 or SAE J1040 is fitted to this item of plant. A permanent label stating this standard must be attached to the structure at all times. It must also carry a warning label re: wearing of seat belts at all times whilst this item of plant is in operation, and accordingly seat belts must be worn at all times during operation.

Hazard(s):	Burns, Striking	References:	AS2671-2002, ISO4413-1998
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Hydraulic Hoses		

This item of plant has hydraulic hoses. These hoses must be inspected each day or before each use for wear and tear. If there are visible signs of wear immediate action must be taken to control the risk arising from this wear. These inspections must be documented.

Hydraulic fluid at high pressure can penetrate the skin, never use any part of your body to check for leaks. If oil penetrates the skin seek medical advice immediately. Always use a piece of cardboard or similar to check for suspected leaks.

Hydraulic pressure can be stored and is a hazard. Before disconnection or connection of hydraulic hoses complete the following steps -

1. Stop engine
 2. Keep all bystanders clear of the work area
 3. Refer to operators manual as to methods to release pressure
 4. Wait 5 minutes.
-

Hazard(s):	Burns, Crushing, Entanglement Shearing	References:	AS4024
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Safe Operator Location		

This machine is designed so that the operator is isolated from all danger zones whilst at the operator position. This condition must exist at all times whilst this item of plant is in operation.

Hazard(s):	Entanglement	References:	AS2153.1-1997, AS4024
Risk Analysis Rating:	High 15	Urgency:	N/A.
Risk Treatment Required:	Engine Guards		

The engine fan and alternator belts, pulleys and gears are guarded. These guards must be present and fully functional and serviceable at all times whilst this item of plant is in operation.

Hazard(s):	Collision, Poor Visibility	References:	AS1470, AS2153, ISO13564-1.2, ISO14401.1-2009 ISO31000-2009 Risk Management
Risk Analysis Rating:	Medium 9	Urgency:	N/A.
Risk Treatment Required:	Operator Mirrors		

The operator rear view mirrors fitted to this item of plant must be fully functional and kept clean at all times. There must always be at least one mirror on each side to provide rear vision to the operator to avoid striking bystanders and objects.

Hazard(s): Incorrect Operation **References:** N/A.
Risk Analysis Rating: High 15 **Urgency:** N/A.
Risk Treatment Required: Fork Tine Movement Lock

The fork tines are fitted with a lateral movement locking device. This device must be employed and fully functional at all times whilst this item of plant is in use.

Hazard(s): Poor Visibility **References:** AS1470, AS2153, ISO31000-2009 Risk Management
Risk Analysis Rating: High 10 **Urgency:** N/A.
Risk Treatment Required: Windscreen Wipers

The windscreen wipers and washers fitted to this item of plant must be fully functional at all times.

Hazard(s): Slipping **References:** AS1470, AS1657-1992, AS2153.1, AS2153.3, AS2153.7
AS2153.7, AS3868-1991, ISO31000-2009 Risk Management
Risk Analysis Rating: Medium 9 **Urgency:** N/A.
Risk Treatment Required: Operator Work Area Access/Egress

Safe access and egress to the cabin/work area(s) must be maintained at all times whilst this item of plant is in operation. It must be non slip, free from damage, located at a height so as to not cause undue body stresses and strains with three points of contact available to personnel at all times.

All personnel must -

1. Always face the item of plant during access and egress.
 2. Always maintain three points of contact during access and egress.
 3. Never carry an object(s) in his/her hand(s) during access and egress.
 4. Never jump off machine.
-

Hazard(s): Burns, Electric Shock **References:** AS1470, AS4024, ISO31000-2009 Risk Management
Risk Analysis Rating: Medium 9 **Urgency:** N/A.
Risk Treatment Required: Battery Cover

All batteries fitted to this item of plant are constrained to prevent displacement & fitted with a permanent sturdy cover which allows for ventilation. The constraint and cover must be present and fully functional and serviceable at all times whilst this item of plant is in operation.

Hazard(s): Incorrect operation, Slipping **References:** AS1470, AS2153.3, AS2153.6, AS2153.7, AS4024
ISO31000-2009 Risk Management
Risk Analysis Rating: High 12 **Urgency:** N/A.
Risk Treatment Required: Control Levers/Pedals/Buttons

The control levers and foot controls must be kept non-slip and free from damage at all times.

Client Acknowledgement

I the undersigned acknowledge that I have read and understand this risk management report.

I also acknowledge that I have received a copy of the risk management report.

I also acknowledge that I am authorised to sign on behalf of the purchaser.

The operators operational & maintenance handbooks have been supplied

YES / NO

Company Name _____

First name _____ Surname _____

Address _____

Suburb/Town _____ State _____ Post Code _____

Phone _____ Mobile _____

Email Address _____

Signature _____

Date _____