Ideagen Machine Safety

RISK MANAGEMENT REPORT

TYPE	Telescopic Handler
MAKE	JCB
MODEL	540-180 HIVIZ
CHASSIS / VIN	JCB5RA7GHS3542882
ENGINE NUMBER	SL320/42024U1833325

Report Number	CEA 20260303-1143
Date	03-Mar-2026
Assessment Purpose	Sale
State	NSW
Created By	David Worboys
Owner	CEA Sydney
Assessor	David Worboys
Assist. Assessor(s)	
Completed By	David Worboys
Customer	ABS

SUMMARY

Risk Treatments

In Place: 90

Required: 1

Critical: 1

High: 0

Medium: 0

Low: 0

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SECTION 1 — **IMPORTANT INFORMATION**
Contains information outlining the scope and any limitations applicable to this Risk Management Report

SECTION 2 — **MACHINE DETAILS**
Contains standard machine specifications and details of any extras fitted

SECTION 3 — **RISK ANALYSIS, RISK EVALUATION & RISK TREATMENT**
Contains details of the technique used to calculate risk ratings, time frame and risk treatments. Please refer to this information when reviewing and interpreting the information in section 4 & 5

SECTION 4 — **RISK TREATMENTS REQUIRED**
Contains detailed information regarding the risk treatments to be implemented including hazard, risk rating, time frame, relevant standards & legislative references

SECTION 5 — **RISK TREATMENTS IN PLACE**
Contains detailed information regarding the risk treatments in place including hazard, risk rating, relevant standards & legislative references

SECTION 6 — **IMAGES AND NOTES**
Contains images & any relevant information entered by the assessor

SECTION 1 IMPORTANT INFORMATION

This report was generated by Ideagen Machine Safety on Tuesday, 3 Mar 2026 11:45 AM

This Risk Management Report has been prepared for -

_____

(insert recipient name/company name)

This document has been prepared to cover the sale or transfer of this item of plant between the Company identified on the front cover and their 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 relevant state and territory health and safety 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 relevant state and territory health and safety acts, regulations and codes 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.

For further information regarding this report contact Ideagen Machine Safety on 1300 72 88 52

SECTION 2 MACHINE DETAILS

MACHINE DETAILS

- NOISE TEST RESULTS	1. Manufacturers specified noise level dBA	
	2. Ambient noise level dBA	
	3. Noise level - Operator position (high idle) dBA	
	4. Noise level - Operator position (low idle) dBA	
	5. Noise level LHS dBA @ m (high idle)	
	6. Noise level Front dBA @ m (high idle)	
	7. Noise level RHS dBA @ m (high idle)	
	8. Noise level Rear dBA @ m (high idle)	
BOOM	Boom Lower (seconds)	10.2
	Boom Raise (seconds)	13.8
BRAKES	Brake Type	
BUCKET	Bucket width (mm)	
CAPACITIES	Fuel Tank Capacity (Litres)	
	Reach with 1t load (mm)	11.72
DIMENSIONS/WEIGHTS	Dry Weight (kg)	
	Ground clearance (mm)	400
	Height (mm)	2590
	Length (mm)	6270
	Operating weight (kg)	11380
	Turn circle diameter (mm)	
	Wheelbase (mm)	2750
	Width (mm)	2350
DRIVES	Drive	
ENGINE	Engine Displacement (Litres)	4.4
	Engine Make & Model	JCB EcoMAX T4 Final
	Engine Number	
	Number of Cylinders	4
	Power (kW@rpm)	55@2200
	Power rating RPM	
EXTRAS	Airconditioning & heating	Yes
	ROPS & FOPS	Yes
	Stabilisers fitted	Yes
GENERAL	Air Suspension Seat	
	Carrier Rotating Angle (degrees)	
	Chassis Type	
	Crowd (seconds)	
	Dump (seconds)	
	Extras	
	Extras B	
	Front & Rear Brakes	
	Front, Rear & Roof Wiper & Washer	
	Heaped capacity, 2:1 SAE (m3)	
	Hydraulic Attachment Locking	
	Park Brake type	
	Tele In (seconds)	17.9
	Tele Out (seconds)	22.4
	Work Lights - Front	
	Work Lights Rear	

	HYDRAULICS	Hydraulic Oil Reservoir Capacity (Litres)	
		Hydraulic System	
		Hydraulics - Flow Rate (l/min) / Pressure (kg/cm2)	103 / 260Bar
		Hydraulics Oil Cooler	
	PLANT CLASSIFICATIONS	Class	
		Year	
	RETAIL $	New Price	
		New Price Date	
	SAFETY STRUCTURES	FOPS Compliance No.	ISO 3449
		FOPS Serial No.	
		ROPS Compliance No.	ISO 3471
		ROPS Serial No.	
	STEERING	Steering Angle (degrees)	
		Steering system	
	TRANSMISSION	Maximum speed (km/h)	
		Speeds F/R	
		Transmission Type	
	TYRES	Tyres - Front & Rear	15.5-25
	WORK CAPABILITIES	Capacity at maximum reach (kg)	550
		Lift capacity maximum height (kg)	2500
		Maximum lift capacity, any height (kg)	4000
		Maximum Lift Height (mm)	17.51
		Maximum Reach (mm)	13.34
		Reach at maximum height (mm)	1.88
	EXTRAS	Air Conditioning	
		FOPS	
		Fork Attachment	
		Hammer Piping	
		Other	Bolzoni 360 Degree Rotator
		Stabiliser Legs	
		UHF/2-Way Radio	

SECTION 3 RISK ANALYSIS / RISK EVALUATION

RISK ANALYSIS

LIKELIHOOD \ CONSEQUENCE	1. INSIGNIFICANT Dealt with by in house first aid	2. MINOR Treated by medical professionals, hospital out patients	3. MODERATE Significant non permanent injury overnight hospital stay	4. MAJOR Extensive permanent injury eg. Loss of fingers, extended hospital stay	5. CATASTROPHIC Death, permanent disabling injury eg. Loss of hand, quadriplegia
A. Almost certain to occur in most circumstances	MEDIUM 8	HIGH 16	HIGH 18	CRITICAL 23	CRITICAL 25
B. Likely to occur frequently	MEDIUM 7	MEDIUM 10	HIGH 17	HIGH 20	CRITICAL 24
C. Possibly and likely to occur at sometime	LOW 3	MEDIUM 9	MEDIUM 12	HIGH 19	HIGH 22
D. Unlikely to occur but could happen	LOW 2	LOW 5	MEDIUM 11	MEDIUM 14	HIGH 21
E. May occur but only in rare circumstances	LOW 1	LOW 4	LOW 6	MEDIUM 13	MEDIUM 15

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 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. (source AS/NZS ISO 31000:2018)	
Eliminate	Eliminate the risk source.
Substitute	Provide an alternative that is capable of performing the same task which is safer.
Isolate	Isolate people from the hazard.
Engineering	Provide or construct a physical barrier or guard.
Administration	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 4 RISK TREATMENTS REQUIRED

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, health & safety 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.

OPERATION

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating	Time Frame	Due Date	Date Rectified	Initial
INCORRECT OPERATION	CRITICAL 24	MEDIUM 15	Immediate	3-Mar-26		

Risk Treatment Required: **Operator Competency**

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.

Legislation: State Health & Safety Legislation & Regulation

References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations

SECTION 5 RISK TREATMENTS IN PLACE

This section of the report pertains to risk treatments currently in place on this item of plant. This section must be read in conjunction with the safety section of the manufacturers handbook. All operators must read and understand the entire contents of this section prior to operating this item of plant. These treatments or equivalent must remain in place at all times whilst this item of plant is in operation.

	HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CONTROLS	CRUSHING, COLLISION	HIGH 21	MEDIUM 15
	Risk Treatments in Place: Park Brake Warning This item of plant fitted with a fully functional alarm to warn the operator when leaving the operator's position if the park brake is not applied. This alarm must be fully functional at all times whilst this item of plant is in operation. **References:** AS10896.1		
DELIVERY	CRUSHING	HIGH 22	MEDIUM 15
	Risk Treatments in Place: SWMS Load Restraint Ensure that all operators follow the approved SWMS/SOP when restraining this machine for transport. **References:** Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
	CRUSHING	HIGH 22	MEDIUM 15
	Risk Treatments in Place: SWMS Loading/Unloading Ensure that all operators follow approved SWMS/SOP when loading and unloading this machine to and from a flat top truck or trailer, low loader or tilt tray. **References:** Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
OPERATION	CRUSHING	CRITICAL 24	MEDIUM 15
	Risk Treatments in Place: Manual Hitch This item of plant is fitted with a manual hitch that meets the following requirements - 1. Has a primary retention system and a secondary safety system fitted 2. The primary retention system must be engaged and disengaged at the hitch 3. The secondary safety system must be retained on the hitch so that it cannot be removed without the use of tools. These requirements must be met at all times whilst this item of plant is in operation. **References:** AS13031		
	CRUSHING	CRITICAL 24	MEDIUM 15
	Risk Treatments in Place: Quick Hitch Movement This item of plant is fitted with a quick hitch which will not allow unintended movement of the attachment if the primary retention system fails. **References:** AS/ISO24410, AS13031		
	INCORRECT OPERATION	HIGH 22	MEDIUM 15
	Risk Treatments in Place: Control Labels 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. **References:** AS/NZS4024.1905		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
ELECTROCUTION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **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 times.

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.

References: ISO31000

INCORRECT OPERATION, NON COMPLIANCE	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Emergency Stop Labelling**

The emergency stop(s) fitted to this item of plant are clearly labelled as to the purpose and method of operation.
These labels must be maintained in a clean and serviceable condition at all times.

References: AS/NZS4024.1604

INCORRECT OPERATION, NON COMPLIANCE	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Fork Attachment**

This item of plant is fitted with a fork attachment. This attachment must be inspected as part of the daily pre start check or before each use.

For safe operation of this attachment ensure all operators are familiar with at least the following as a minimum;

Training: Ensure operators are qualified, trained and experienced in the use of this attachment.
Inspection: Regularly inspect attachments for any signs of wear or damage. This includes checking for cracks, bends, or other deformities.
Compatibility: Ensure the attachment is compatible with the carrier unit.
Load Capacity: Be aware that attachments can alter the carrier unit's load capacity and center of gravity. Never exceed manufacturer's rated capacity.
Stability: Use attachments on level ground to maintain stability and prevent tipping.
Visibility: Attachments can affect the operator's visibility. Ensure the operator has a clear view of their surroundings, always carry the load as low as possible.
Attaching: Follow the manufacturer's instructions for coupling and uncoupling of the attachment.

Ensure that fork tynes are of sufficient length to support 75% of the load, fork tynes should be spread apart as wide as practicable so that the load is stable and evenly distributed on both fork tynes to ensure stability of the load prior to lifting.

References: ISO31000

COLLISION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Left Hand Drive Label**

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.

References: ISO31000

INCORRECT OPERATION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **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.

References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CRUSHING, FALLING	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Passenger Seat Label**

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 & Safety Legislation & Regulation

References: AS1319-

COLLISION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Phone Use label**

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.

References: AS1319- , ISO31000

INCORRECT OPERATION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Pre-op Checklist Telescopic Handler**

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

References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations

INCORRECT OPERATION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Quick Hitch Operation Handbook**

The manufacturer's operation handbook has been supplied for this quick hitch.

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 quick hitch. SWMS should be produced for specific tasks associated with use of this quick hitch.

References: AS13031

CRUSHING	HIGH 22	MEDIUM 15

Risk Treatments in Place: **ROPS Label**

The warning label 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.

References: AS2294, ISO3471

CRUSHING	HIGH 22	MEDIUM 15

Risk Treatments in Place: **ROPS seat belt label**

This item of plant is fitted with a ROPS and has an advisory label stating that "seatbelts must be worn".
This label must be present, clean and legible at all times.
All operators and passengers must wear seatbelts whilst on this item of plant.

References: AS2294, ISO3471

INCORRECT OPERATION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **SOP Telescopic Handler**

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.

References: Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
POISONING, EXPLOSION, BURNS	HIGH 22	**MEDIUM 15**
Risk Treatments in Place: **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, water and petrol/diesel tanks etc.) **References:** Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
CRUSHING, STRIKING, COLLISION	HIGH 22	**MEDIUM 15**
Risk Treatments in Place: **Vehicle Frequently Reversing** The rear of this item of plant has a hazard warning label re: vehicle frequently reversing. It must be present and fully functional and serviceable at all times. **References:** AS/NZS4024.1201, AS1319-		
FIRE	HIGH 21	**MEDIUM 15**
Risk Treatments in Place: **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 **References:** AS10896.1, AS1851		
CRUSHING	HIGH 21	**MEDIUM 15**
Risk Treatments in Place: **Loader Crush Zone Label** 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. **References:** AS1319-		
NON COMPLIANCE, OPERATIONAL MALFUNCTION	HIGH 21	**MEDIUM 15**
Risk Treatments in Place: **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. **References:** AS2550.19-		
HEARING LOSS	HIGH 19	**MEDIUM 14**
Risk Treatments in Place: **Hearing Protection Label - Bystanders** The hazard warning labels re: wearing of hearing protection for bystanders attached to this item of plant refer to the level of noise produced. Permanent hearing damage will result if hearing protection is not worn. These labels must be present, clear and legible at all times whilst this item of plant is in operation. **References:** AS3781- , AS/NZS1269		
HEARING LOSS	HIGH 19	**MEDIUM 14**
Risk Treatments in Place: **Hearing Protection Label - Operator** The hazard warning label(s) re: wearing of hearing protection attached to this item of plant refer to the level of noise produced. Permanent hearing damage will result if hearing protection is not worn. These labels must be present, clear and legible at all times whilst this item of plant is in operation. **References:** AS3781- , AS/NZS1269		
ENTANGLEMENT, SHEARING, BURNS	MEDIUM 14	**MEDIUM 13**
Risk Treatments in Place: **Engine Guard Label** 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. **References:** AS/NZS4024.1201, AS1319-		

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CRUSHING	MEDIUM 14	**MEDIUM 13**

Risk Treatments in Place: **Stabiliser Legs**

This item of plant has a hazard warning label re: crushing, adjacent the stabiliser legs. These labels must be present, clear and legible at all times.

References: AS/NZS4024.1201, AS1319-

CRUSHING, COLLISION	MEDIUM 12	**LOW 6**

Risk Treatments in Place: **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)

References: AS10896.1, ISO7731

COLLISION	MEDIUM 9	**LOW 5**

Risk Treatments in Place: **Recovery Point Label**

This item of plant is fitted with a hazard warning label adjacent the recovery tow point which states "Recovery tow point – Read manufacturer's towing instructions before towing". 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.

References: ISO31000

DESIGN COMPLIANCE

CRUSHING, COLLISION	CRITICAL 24	**MEDIUM 15**

Risk Treatments in Place: **Hold To Run Controls**

This item of plant is fitted with "hold to run" type controls. Operators and maintenance staff MUST NEVER attempt to bypass this important safety feature. Failure to comply with this instruction may lead to serious injury or death.

References: AS10896.1, AS/NZS4024.1906

CRUSHING, COLLISION	CRITICAL 24	**MEDIUM 15**

Risk Treatments in Place: **Park Brake**

This item of plant is fitted with a fully functional park (hand) brake which meets the following requirements –
1. Is separate to the service brakes
2. Has a device which maintains the brake in the on position until intentionally disengaged

The park brake must be regularly inspected and tested. These inspections and tests must be documented as part of your plant safety programme.

References: ISO31000

COLLISION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **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.

References: AS/NZS4024.1201

CRUSHING, INCORRECT OPERATION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **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.

References: AS10896.1

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CRUSHING	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **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.

References: AS2294, ISO3471

CRUSHING, INCORRECT OPERATION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **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.

References: AS10896.1

ENTANGLEMENT, CUTTING, SHEARING	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **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 with yellow background
3. Is easily accessible to the operator(s) at all times whilst operating this item of plant
4. Resetting of emergency stop does not automatically restart machine
5. Is located at each operator control station.

Note: All operators must be familiar with the use and effects of actuation of the emergency stop device.

References: AS/NZS4024.1604

ENTANGLEMENT	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **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.

References: AS10896.1, AS/NZS4024.1601

CRUSHING, NON COMPLIANCE	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Forklift Tyne Movement Lock**

The fork tynes 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.

Always follow manufacturers instructions for adjusting and locking the fork tynes.

References: AS2359

STRIKING, BURNS	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Hydraulic Hose Failure Shield**

This item of plant is fitted with a sturdy, permanent shield(s) between the hydraulic hoses and any body parts of the operator to provide protection during a hose or component failure. This shield(s) must be present and fully functional at all times whilst this item of plant is in operation.

References: AS4024, AS10896.1, ISO4413, AS2671

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
STRIKING, BURNS	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **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. Always wear appropriate gloves when handling hydraulic hoses.

Hydraulic pressure can be stored and is a hazard. Always connect and disconnect hydraulic hoses as per the manufacturer's manual.

References: AS4024, AS2671

CRUSHING	HIGH 22	**LOW 2**

Risk Treatments in Place: **Hydraulic Load Holding Devices**

The load carrying cylinders on this item of plant are fitted with automatic means (e.g. load-holding valves) to prevent uncontrolled movement of the unit in the case of loss of power or hydraulic failure. These devices must be present and fully functional at all times whilst this item of plant is in operation.

References: AS10896.1, AS1418.1

CRUSHING	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Hydraulic Locking Devices for Stabilisers**

This item of plant is fitted with hydraulic cylinder locking devices to the stabiliser legs to prevent movement in the event of hydraulic failure. These devices must be fully functional at all times whilst this item of plant is in operation.

References: AS/NZS4024.1201, AS1418.1

CRUSHING, INCORRECT OPERATION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Longitudinal Load Moment Control**

This item of plant is fitted with a fully functional longitudinal load moment control (LLMC). This system restricts further motion of the load which increases longitudinal instability beyond the allowable limit(s)). Operation of this item of plant must cease if this safety device is not present and fully functional.

References: AS10896.1

CRUSHING, INCORRECT OPERATION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Longitudinal Load Moment Indicator**

This item of plant is fitted with a fully functional longitudinal load moment indicator (LLMI). This indicator continuously warns both visually and audibly when the load has increased the longitudinal load moment beyond its predetermined limit(s). Operators must immediately take the appropriate actions to decrease longitudinal instabiilty. This item of plant must not be operated if this device is not present and fully functional.

References: AS10896.1

CRUSHING, INCORRECT OPERATION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Longitudinal Stability Indications**

This item of plant is fitted with a device to indicate to the operator that the maximum limit of longitudinal stability has been reached. Operators must immediately take the appropriate actions to decrease longitudinal instabiilty. This item of plant must not be operated if this device is not present and fully functional.

References: AS10896.1

CRUSHING, COLLISION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Loose Items - Operator Work Area**

All items that could cause harm to the operator in the event of a collision or rollover are securely restrained.

References: ISO31000

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
POOR VISIBILITY, COLLISION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Machine Lights**

This item of plant is fitted with self contained lighting. All of these lights must be fully functional and serviceable whilst this item of plant is in operation in areas of reduced light. If any of these lights stop working the operation must cease immediately and the faulty light be repaired before operation can continue in the areas of reduced light.

References: AS10896.1, AS/NZS4024.1201

CRUSHING, INCORRECT OPERATION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **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.

References: AS10896.1, AS1418.1

CRUSHING, ENTANGLEMENT, STRIKING, COLLISION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Neutral Start**

This item of plant has neutral start control in place. It must be fully functional and serviceable at all times whilst this item of plant is in operation.

References: AS10896.1, AS4024.1603

POOR VISIBILITY, COLLISION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **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.

References: AS/NZS4024.1201, AS1418.1

OPERATIONAL MALFUNCTION	HIGH 22	LOW 2

Risk Treatments in Place: **Plant Modification**

The plant is in original condition.

References: ISO31000

CRUSHING, COLLISION	HIGH 22	MEDIUM 15

Risk Treatments in Place: **Reverse Movement Alarm**

This item of plant is fitted with a reverse movement awareness alarm which is automatically activated when reverse gear is selected.
This alarm must be fully functional and serviceable at all times whilst this item of plant is in operation.

References: ISO7731

CRUSHING, ENTANGLEMENT, SHEARING, BURNS, PINCHING	HIGH 22	MEDIUM 15

Risk Treatments in Place: **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.

References: AS/NZS4024.1201

CRUSHING	HIGH 22	MEDIUM 15

Risk Treatments in Place: **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.

References: AS10896.1, AS/NZS4024.1201

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CRUSHING, INCORRECT OPERATION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Slope Indicators**

This item of plant is fitted with a lateral and longitudinal slope indicator. These indicators must always be easily legible from the normal operating position and indicate level and permitted lateral and longitudinal slope as specified by the rated capacity chart. The maximum permissable lateral and longitudinal 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 these devices are not present and fully functional.

References: AS10896.1

NON COMPLIANCE, OPERATIONAL MALFUNCTION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Telescopic Handler Load Chart**

This item of plant is fitted with clear and legible load chart(s) for each attachment that is in clear view of the operator from the normal operating position containing the following information as a minimum -

a) the type of attachment to which it applies
b) applicable load centre distances
c) actual capacities at lift heights and reach
d) applicable limitations on the attachment use
e) model of the machine to which it applies
f) type of tyres
g) use with and without stabilising device, if applicable
h) use with and without ballasted tyres and optional counterweights, if applicable
i) capacities when stabilising devices are deployed and when not deployed.

This chart and information must be legible at all time whilst this item of plant is in operation.

References: AS10896.1

NON COMPLIANCE	HIGH 21	**MEDIUM 15**

Risk Treatments in Place: **Boom Hazard Warning Label**

This item of plant is fitted with a clear and legible hazard warning label that is in clear view of the operator from the normal operating position re: machine is to be level before lifting or extending the boom?

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

References: AS10896.1

ENTRAPMENT	HIGH 21	**MEDIUM 15**

Risk Treatments in Place: **Emergency Exits**

The emergency exits for this item of plant meet the following requirements -

1. Clearly and legibly labelled
2. Instructions for use are clear and legible and located adjacent the exit
3. Any required tools required for use are available e.g. Emergency hammers

These exits must be legibly labelled and fully functional at all times whenever the item of plant is manned, whether during operation or maintenance activities.

References: AS10896.1, ISO31000

CRUSHING	HIGH 21	**LOW 5**

Risk Treatments in Place: **FOPS Level II - Telehandler**

This item of plant is fitted with a level II Falling Objects Protective Structure (FOPS). This structure is designed to protect the operator from heavy falling objects (e.g. trees, rocks). Care should still be exercised when operating in an area with a risk of falling objects.

References: AS10896.1, ISO3449

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
NON COMPLIANCE	HIGH 21	MEDIUM 15

Risk Treatments in Place: **Telescopic Handler Manufacturer Plate**

This item of plant is fitted with a manufacturer supplied plate which contains the following information as a minimum -

a) business name and full address of the manufacturer or authorised representative
b) designation of series or type
c) serial number
d) year of construction
e) rated capacity
f) net power of engine expressed in kilowatts (kW)
g) mass of the unladen truck, fully fuelled and serviced, without the operator and without the mass of any removable attachment
h) if necessary, the maximum vertical force and the drawbar pull on the tow-hook in newtons (N).

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

References: AS10896.1

ENTRAPMENT	HIGH 21	MEDIUM 15

Risk Treatments in Place: **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.

References: AS10896.1, AS1418.1

POOR VISIBILITY, COLLISION	HIGH 21	MEDIUM 15

Risk Treatments in Place: **Windscreen Wipers**

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

References: AS10896.1, AS/NZS4024.1201

INCORRECT OPERATION	HIGH 20	MEDIUM 14

Risk Treatments in Place: **Intuitive Controls**

The controls fitted to this item of plant are orientated so that the movement of the control is consistent with the action of the machine e.g. moving a control lever to the left results in the machine turning to the left. This design feature must be maintained at all times whilst this item of plant is in operation.

References: AS/NZS4024.1906

STRAINS	HIGH 19	LOW 5

Risk Treatments in Place: **Controls Ergonomics**

All controls including all levers, buttons, pedals, switches etc, are placed near the operator work position and are easy to reach and operate during the execution of the operator's normal duties. This applies for all persons within the 95th percentile of the normal population distribution.

References: AS/NZS4024.1901

INSTABILITY, CRUSHING	HIGH 19	MEDIUM 13

Risk Treatments in Place: **Stabilising Devices**

This item of plant fitted with stabiliser legs which meet the following requirements -

1. Means shall be provided to the operator to ensure that the stabilising devices are positioned in a safe travelling position when moving the machine
2. Each stabilising device shall be equipped with a footplate that is self-aligning in at least one plane
3. An indication shall be given to the operator (sensors, painted marks etc.) when each horizontally extending stabilising device is extended to level and/or support the machine in conformity with the load chart(s).

All of these criteria must be met at all times whilst this item of plant is in operation.

References: AS10896.1

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
INCORRECT OPERATION, SLIPPING	HIGH 17	**LOW 6**

Risk Treatments in Place: **Control Levers/Pedals/Buttons**

All controls including all levers, buttons, pedals, switches etc. must be kept non-slip and free from damage at all times.

References: AS/NZS4024.1901

INCORRECT OPERATION, OPERATIONAL MALFUNCTION	MEDIUM 14	**MEDIUM 13**

Risk Treatments in Place: **Restricted Access Switches**

This item of plant is fitted with a device to restrict operators. A code/key must only be given to those that have appropriate experience or training.

References: AS10896.1

FALLING, SLIPPING	MEDIUM 12	**LOW 6**

Risk Treatments in Place: **Access/Egress Instruction Label**

An instruction label is fitted adjacent access/egress areas to advise all personnel of the following -

1. Always face the item of plant during access and egress.
2. Always maintain three points of contact during access and egress.
3. Ensure the steps are clean.
4. Never jump off machine.

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

References: ISO31000

ELECTRIC SHOCK, BURNS	MEDIUM 12	**LOW 6**

Risk Treatments in Place: **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 & ensures the terminals are protected. The constraint and cover must be present and fully functional and serviceable at all times whilst this item of plant is in operation.

References: AS10896.1, AS/NZS4024.1201

FIRE, NON COMPLIANCE	MEDIUM 12	**LOW 6**

Risk Treatments in Place: **Battery Disconnection**

This item of plant is fitted with a device that enables quick disconnection of the batteries which is clearly labelled as to its purpose and method of operation.

This device must be fully functional and clearly labelled at all times whilst this item of plant is in operation.

References: AS10896.1

FALLING, SLIPPING, TRIPPING	MEDIUM 12	**LOW 6**

Risk Treatments in Place: **Engine Bay Access**

Safe access and egress to the engine bay/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.

References: AS1657

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
FIRE, BURNS	MEDIUM 12	**LOW 6**

Risk Treatments in Place: **Exhaust**

The engine exhaust on this item of plant is located/fitted with a guard to prevent injury to any person and control the risk of initiating a fire. Guards must be present, fully functional and serviceable at all times whilst this item of plant is in operation.

References: AS10896.1, AS/NZS4024.1201

SLIPPING	MEDIUM 12	**LOW 6**

Risk Treatments in Place: **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.

References: AS10896.1, AS1657

HEAT STROKE, DEHYDRATION	MEDIUM 9	**LOW 4**

Risk Treatments in Place: **Air Conditioning**

This item of plant is fitted with an air conditioned cabin. This air conditioned cabin helps control the air quality and temperature for the operator and also provides shade from the sun. The air conditioner must be fully functional and serviceable at all times whilst this item of plant is in operation.

References: ISO31000

NON COMPLIANCE, STRAINS	MEDIUM 9	**LOW 1**

Risk Treatments in Place: **Operator Seat**

The operator seat fitted to this item of plant must remain free from damage and tears, and be permanently and securely fitted at all times.

References: AS10896.1, AS/NZS4024.1401 , AS1418.1

INCORRECT OPERATION, SLIPPING	MEDIUM 9	**LOW 4**

Risk Treatments in Place: **Work Area Floors**

All work area floors are non-slip and free from damage & debris.

Floor area must remain non-slip and free from damage & debris, including rubbish, tools and other items, at all times whilst this item of plant is in use.

References: AS/NZS4024.1201

MAINTENANCE

CRUSHING, COLLISION	CRITICAL 25	**MEDIUM 15**

Risk Treatments in Place: **Brakes**

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

References: AS10896.1, ISO31000

CURRENT OR PREVIOUS STRUCTURAL DAMAGE	CRITICAL 25	**MEDIUM 15**

Risk Treatments in Place: **Structural Integrity**

Regular checks for structural damage must be undertaken. Look for cracks in frames/chassis (current or repaired), bends or damage to structural components, etc.

References: ISO31000

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
NON COMPLIANCE	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **90 day (quarterly) Routine Inspection**

90 day (quarterly) routine inspection has been carried out within the last 90 days. Ensure that this occurs every 90 days and is recorded in the log book.

References: AS2550.19-

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
STRIKING, BURNS	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Hydraulic Damage**

The hydraulic hoses to this item of plant are free from damage and protected against damage arising from contact with the plant structure. Ensure that hoses are free from damage and that protection is in place at all times whilst this item of plant is in operation. Inspection of the hydraulic hoses and protection system should be conducted regularly and documented as part of your plant safety programme.

References: AS4024, ISO4413, AS2671

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CRUSHING	HIGH 22	**LOW 5**

Risk Treatments in Place: **Lift Tynes**

The fork tynes fitted to this item of plant are free from structural damage including deformation. If at anytime the fork tynes do become damaged including deformation then operation must cease and a competent person carry out the necessary repairs prior to operating item of plant again.

References: AS2359

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
INCORRECT OPERATION	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Maintenance Manual**

The manufacturer's maintenance manual(s) has been supplied for this item of plant

These manual(s) must be available at all times to all users and maintenance staff of this item of plant. All users and maintenance staff must read and be familiar with these handbook(s) prior to maintaining or repairing this item of plant.

A complete risk assessment/JSEA must be undertaken covering all inspection, maintenance, servicing and transportation requirements of this piece of plant prior to use.

A full assessment of the competence of people using the book(s) must also be undertaken

References: AS10896.1, Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
OPERATIONAL MALFUNCTION	HIGH 22	**LOW 2**

Risk Treatments in Place: **Major Fluid Leaks**

This item of plant must remain free from leaks at all times whilst in operation (this includes engine, transmission, cooling system, air, fuel, drive line, wheel hubs, steering and hydraulics). Development of a major leak will require this item of plant to be stood-down until repaired. Minor leaks detected must be repaired within 1-14 days.

References: ISO31000

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
NON COMPLIANCE	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **Plant (Annual) Periodic Inspection**

Current (less than 12 months) documentation is available stating that this item of plant has had an annual periodic inspection which has been carried out by a competent person and that this item of plant is in a safe condition for use.
This item of plant must be re-inspected within 12 months by a competent person and new documentation be provided.

References: AS2550.19-

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
CRUSHING	HIGH 22	**MEDIUM 15**

Risk Treatments in Place: **ROPS Damage**

The Roll Over Protective Structure (ROPS) fitted to this item of plant must remain free from damage at all times whilst this item of plant is in operation.

References: AS2294, ISO3471

HAZARD(S)	Prelim. Risk Rating	Residual Risk Rating
NON COMPLIANCE	HIGH 22	**MEDIUM 15**
Risk Treatments in Place: **Telescopic Handler Major Inspection** This item of plant's major inspection regime is current. This inspection must be re-conducted after a further 5 years. It is recommended that before any sale of this item of plant occurs, a major inspection take place by an authorised, qualified and competent person. **References:** AS2550.19-		
INSTABILITY, COLLISION	HIGH 22	**MEDIUM 15**
Risk Treatments in Place: **Tyres** The tyres and wheel components must be inspected as part of a "pre start" checklist. These inspections must be documented as part of your plant safety programme. **References:** ISO31000		
OPERATIONAL MALFUNCTION	HIGH 21	**MEDIUM 15**
Risk Treatments in Place: **Service Records** Service and maintenance records are available for this item of plant. These records must continue to be managed and available at all times as part of your service and maintenance programme. (This programme includes the undertaking of regular inspections of the item of plant with specific reference to all OEM prescribed, scheduled and non scheduled service and maintenance requirements). **References:** Work Health & Safety Act & Regulations- , Occupational Health & Safety Act & Regulations		
POOR VISIBILITY, COLLISION	HIGH 21	**MEDIUM 15**
Risk Treatments in Place: **Windows & Screens** Ensure the cabin/work area safety glass windows and screens are kept clean and free from cracks and other damage at all times whilst this item of plant is in use. **References:** AS/NZS4024.1201, AS1418.1		
NON COMPLIANCE	MEDIUM 14	**LOW 6**
Risk Treatments in Place: **Engine/Motor Compartment** The engine/motor compartment is fully enclosed and lockable to prevent unauthorised access. A code/key must only be given to those that have appropriate experience or training. These points of access must remain fully lockable at all times whilst this item of plant is in operation. **References:** AS10896.1		

SECTION 6 IMAGES AND NOTES

IMAGES

- No Images Available -

NOTES

- No Notes Available -

Ideagen Machine Safety

RISK MANAGEMENT REPORT

TYPE	Telescopic Handler	**Report Number**	CEA 20260303-1143
MAKE	JCB	**Date**	03-Mar-2026
MODEL	540-180 HIVIZ	**Created By**	David Worboys
CHASSIS / VIN	JCB5RA7GHS3542882	**Assessor**	David Worboys
ENGINE NUMBER	SL320/42024U1833325	**Assist. Assessor(s)**	
		Owner	CEA Sydney
		Customer	ABS
		Assessment Purpose	Sale
		State	NSW

PURCHASER ACKNOWLEDGEMENT

I the undersigned acknowledge that I have read and understand the risk management report described above. I also acknowledge that I have received a copy of this risk management report. I also acknowledge that I am authorised to sign on behalf of the purchaser.

Name _____

Company Name _____

Position _____

Signature _____

Date _____

The manufacturer's operational & maintenance handbooks have been supplied,
(circle one) YES NO (initial) _____

Please transfer this assessment to my Ideagen Machine Safety membership as a (circle one) HIRE / PLANT IN USE assessment.

My Ideagen Machine Safety email is _____

Safe Operating Procedures

Make: JCB
Model: 540-180 HIVIZ
Type: Telescopic Handler
Chassis / VIN: JCB5RA7GHS3542882
Engine Number: SL320/42024U1833325

Recommended PPE - Subject to Company & Site Policy

SOP Telescopic Handler

GENERAL & START UP

Read and understand manufacturer's operational manual
Complete pre-operational checklist (never use faulty or defective machinery)
All operators must be free from the direct and after effects of drugs and alcohol
Never operate in a poorly ventilated area, carbon monoxide is colourless, odourless and poisonous
Ensure work area is clear of bystanders and hazards prior to starting engine and operating machine
Once engine is started confirm control pattern and machine function
Ensure that you are familiar with all attachments and the clearance distances between attachments and any other part of machine

! **ALWAYS** WEAR YOUR SEAT BELT
! **NEVER** USE PHONE WHILE OPERATING MACHINE
! **NEVER** CARRY PASSENGERS

Always operate in well lit area
Be careful of ceiling clearance or overhead obstructions and power lines when raising boom (refer power line clearance label)
Slow down when changing direction or on wet or greasy surfaces
Do not dismount from Telescopic Handler unless engine is stopped, the transmission is in park position and the parking brake is effectively engaged
When stopping the Telescopic Handler, park on even ground and lower boom and attachment to the ground, shift the gear selector to park position and apply the parking brake, turn off the ignition and remove the keys

LIFTING

Never exceed capacity as per load chart
Ensure that the lifting tines are secure and load is stable before driving off
Always put the heavy end of the load against the backrest
Never travel with the load elevated as it restricts vision and reduces stability
When approaching a blind corner, use horn and drive slowly
Always have someone guide you if a load restricts your vision
Do not travel with load raised or boom extended
Avoid hard or sudden braking, especially when carrying a load
Never attempt to turn on a incline or sloping surface
Never lift anything over people
Never lift people

REFUELLING

NEVER refuel unless the engine is stopped and ignition turned off
NEVER smoke during refueling

Safe Operating Procedures

Operator Acknowledgement

I the undersigned acknowledge that I have read and understand the Safe Operating Procedures described above.
I also acknowledge that I have received a copy of this Safe Operating Procedure.

DATE	NAME	SIGNATURE