

Plant Risk Assessment



Inspector: Harrison Ryder	Client Name: Rachael Young
Client: Streetworks	Address: 45 Commercial Dr
Suburb: Pakenham	Plant Type: Compactor
Make: CAT Compactor 815B	Serial Number: 17Z01034
Hour Meter: 17299.6	Modified From Original Condition?: No
Plant Number: 1801	Travel Height: 3510mm
Max Height: 3510mm	License Required: Yes
dB Rating operating cabin:	dB Rating from 3mtrs:
Machine Operating Weight: 22054Kg	Date of Manufacture:
Registration (If applicable):	Engine Make and Model:
Engine Number:	

Preface

This Hazard/Risk assessment report has been prepared as requested of the client in fulfilment of duty of care to provide a safe and functional piece of mobile plant. This only has a validity of twelve (12) months from the date of the report.

Compliance: Compliance has been determined using the below where deemed appropriate:

- Worksafe Compliance Code – Plant
- OH&S Regulations 2017
- OHS Act 2004
- AS4024-2014 Safety of Machinery
- Victorian Plant Code of Practice 2019.

The report is based on the visual observations of the inspector on the day of inspection and did not include observation of equipment in operation. While the inspector takes reasonable care to be thorough, under the conditions of this inspection it is not possible to ensure that every hazard has been observed or reported. Since vandalism, disassembly, normal wear and tear and operational use are ongoing risks to safety. The operator must carry out Job Safety Analysis, Pre-Start Checks, and adhere to the operator's manual as outlined in the manufacturer's documentation.

The relative urgency of rectification is indicated by the score as detailed in the Analysis Matrix table. Please do not hesitate to contact JR Safety and Compliance Pty Ltd if further clarification is required.

Attachments Considered in this Risk Assessment:

Not applicable to this item of plant.

Summary of Risks Identified

Item No	Hazard Category	Operation	Maintenance	Complies?		
1	Entanglement	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
2	Crushing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
3	Cutting, stabbing and puncturing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
4	Shearing	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
5	Striking	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
6	High pressure fluid	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
7	Electrical	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
8	Explosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
9	Slipping, tripping and falling	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
10	Ergonomic	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
11	Combination of hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
12	Runaway [Rail application only]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
13	Collision [Rail application only]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
14	Derailment including rollover [Rail application only]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
15	Machine configuration - height/width limitations [Applicable to rail and tunneling operations]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
16	Other hazards	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
17	Have attachments been considered?			<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes	<input type="checkbox"/> No
18	Is foreseeable misuse considered?			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
19	Is assessment of risk and effectiveness of controls consistent and realistic?			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
20	Does the assesment demonstrate sufficient knowledge of the plant function and performance elements?			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
21	Have machine limitations been clearly defined?			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
22	Has the risk assessment been developed in conjunction with the OEM's documentation, relevant codes and legislation?			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
23	Do the controls reflect the Heirachy of Control principals, with the most effective being attempted first?			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
24	Does the risk assessment provide space for personnel to sign and acknowledge that they have read and understood the content?			<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Analysis Matrix

Likelihood	Consequence					
		Insignificant	Minor	Moderate	Major	Catastrophic
Almost Certain		Medium	High	Very High	Very High	Very High
Likely		Medium	High	High	Very High	Very High
Sometimes		Low	Medium	High	High	Very High
Rarely		Low	Low	Medium	Medium	High
Highly Unlikely		Low	Low	Low	Medium	Medium

Risk Evaluation

- **Catastrophic** – Fatality – Act immediately to mitigate the risk.
- **Major** – Extensive injuries – Act immediately to mitigate the risk. If the correct treatments are not available immediately establish interim risk reduction strategies.
- **Moderate** – Medical Treatment required – Take reasonable steps to mitigate the risk and implement the risk treatments as soon as reasonably practicable.
- **Minor** – First Aid Treatment – Implement the risk treatments as soon as reasonably practicable.
- **Insignificant** – No risk of injury but as always take caution and reasonable steps to monitor risk.

Hierarchy of Controls

- **Elimination** – This is a permanent solution and should be attempted in the first place.
- **Substitution** – This includes plant which present a lower level of risk.
- **Isolation** – Isolate the Hazard, use guarding or prevent access etc.
- **Engineering** – Safe alternative manufacturing guarding or barriers.
- **Administration** – Implement Policies, Procedures, Training and safe work practices.
- **PPE** – Ensure that individuals are equipped with the proper personal protective equipment to perform the task. (Glasses, Gloves, Protective Foot ware, Hard Hats, Wide Brimmed Hats, Sunscreen, Ear Protection etc).

Hazard Checklist

Entanglement Can anyone's hair, clothing gloves, necktie, jewellery, rags, or other material become entangled with the moving parts of the plant.			
Control Measures in Place	Status	Comments/Issues	Risk Rating
Guards Installed for Engine fan.	Yes		Low
Guards installed for belts & pulleys.	Yes		Low
Engine covers fitted.	Yes		Low
Warning Decals - (Do not open with engine running).	Yes		Medium
Warning Deals for Personal (i.e. clothing, hair etc).	Yes		Medium
Secure Work Zone.		Responsibility of operator to ensure adequate exclusion zone when machine is in operation.	
Rotating Parts Decal Fitted	Yes		Medium
Engine Bay enclosed with limited access.	Yes		Low
Battery Isolator lockable	Yes	Removeable key isolator fitted.	Medium
External emergency stop fitted and accessed at ground level.	No		Medium
Crushing Can a person be crushed due to Material falling off the plant, Uncontrolled or unexpected movement of the plant or its load, the plant tipping or rolling over, parts of the plant Collapsing, coming in contact with moving parts of the plant during testing, inspection, maintenance, cleaning or repair, being thrown off or under the plant, being trapped between the plant and materials or fixed structures and any other factors?			
Control Measures in Place	Status	Comments/Issues	Risk Rating
Neutral Start Switch (Forward/Reverse Leaver).	Yes		Low
Reversing/Travel Alarm (above 87dBa @ 1mtr).	Yes	Squawker type reverse alarm fitted	Low
Amber Flashing Beacon (Visible position - from 200m - 360 degrees).	Yes		Low
Control Pedals - Non Slip Surface.	Yes		Low
Controls have the appropriate knobs.	Yes		Low
Machine may suddenly reverse decal.	Yes		Medium
Rear view mirror (Mirrors to be adjusted to reduce blind spots).	Yes	Mirrors and reverse camera fitted	Low

Control Measures in Place	Status	Comments/Issues	Risk Rating
FOPS (Falling Object Protection.)	Yes	Conforms to ISO 3449:1980	Low
Emergency Exit Identified.	Yes		Low
Cabin Clear (No chains etc)		Responsibility of operator.	
Service Brake Operational.	Yes		Low
Battery Isolator.	Yes	Removeable key isolator fitted.	Medium
Hydrostatic Drive (Self Centring Controls).	Yes		Low
Slope Indicator Fitted - (Ref to SWIMS).	Yes	Operator to ensure safe limits are not exceeded as per manufacturers guidelines.	Medium
Seat belt fitted.	Yes	Fitted seatbelt is in good condition, Conforms to ISO6683. And does not require replacement as per manufacturers requirements.	Low
Seat Belt must be worn decal.	Yes		Low
Operators Cabin Enclosed and Door Fitted.	Yes		Low
No phone use while operating the machine decal fitted.	Yes		Medium
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.		Responsibility of operator/owner	
Emergency Stops (If fitted)	No		Medium
Safety Bar/ROPS fitted & Decal	Yes		Low
Iso Certified Rops Structure fitted.	Yes	Conforms to ISO 3471:1980	Low
No Passenger Decal Fitted	Yes		Low
External Emergency Stop fitted and clearly marked.	No		Medium
Wheel nut retainers?	No	Advise fitting wheel nut indicators	Medium
Wheel chocks mounted on Machine	No	Advise fitting wheel chocks	Medium
Correct Retaining Pins fitted (No bolts, Steel Rods, Wire to be used as retaining pins).	Yes		Low
Work Area to be barricaded during operation with appropriate exclusion zone.		Responsibility of operator to ensure adequate exclusion zone when machine is in operation.	
Horn Fitted to alert bystanders or movement of Machine/Vehicle.	Yes		Low

Control Measures in Place	Status	Comments/Issues	Risk Rating
Reverse Camera fitted to reduce blind spots.	Yes		Medium
Articulation lock pin available to be installed during transport and maintenance activities.	No		Medium
Decals fitted to notify persons of crush zones and pinch points.	Yes		Medium
Decals fitted to notify persons to keep clear.	Yes		Medium
Cutting, Stabbing and Puncturing Can anyone be cut, stabbed or punctured due to: Coming in contact with sharp or flying objects, with moving parts of the plant during testing, inspection, operation, maintenance, cleaning or repair of the plant? Parts of the plant or work pieces disintegrating? Work pieces being ejected? The mobility of the plant? Uncontrolled or unexpected movement of the plant?			
Control Measures in Place	Status	Comments/Issues	Risk Rating
Guarding.	Yes		Medium
Trained person only.		Operator to be trained competent in use of machine.	
Tag out procedures in place.		Responsibility of operator/owner.	
Gloves to be worn when carrying out Prestart or Maintenance work.		Responsibility of operator/owner.	
First aid kit and Decal with machine.	Yes	Responsibility of operator/owner.	Low
Engine Bay fitted with lockable door.	Yes		Low
Travel Alarm and Rotating Beacon fitted.	Yes		Low
Work Area to be barricaded during operation with appropriate exclusion zone.		Responsibility of operator.	
Eye protection to be worn when performing maintenance or prestart activities.		Responsibility of operator/owner.	
Rotating Part Decal fitted.	Yes		Medium
Horn Fitted to alert bystanders.	Yes		Low
Daily Inspections of Hoses/Pumps/Valves to check for any leaks or damage etc and tag out if so.		Responsibility of operator.	

Control Measures in Place	Status	Comments/Issues	Risk Rating
Lockable Battery Isolator fitted to ensure machine is locked out prior to prestart or maintenance is undertaken.	Yes	Removeable key isolator fitted.	Medium
Machine is fitted with ISO certified ROPS.		Conforms to ISO 3471:1980	
Machine is fitted with ISO certified FOPS.		Conforms to ISO 3449:1980	
Hydrostatic Drive - Machine controls are self centring meaning operation will cease if operator lets go of controls.	Yes		Medium
Reverse Camera fitted to machine to reduce blind spots.	Yes		Medium

Shearing

Can anyone's body parts be cut off between two parts of the plant, or between a part of the plant and a work piece or structure?
 In addition to the controls mentioned above under crushing, striking, cutting and stabbing

Control Measures in Place	Status	Comments/Issues	Risk Rating
Safety Decals fitted: Crush Zones and Warning Decals	Yes		Medium
Safety Decals fitted: Wear Seatbelt, No Phone use while operating, no passengers	Yes		Medium
Shearing Guarding.	Yes		Medium
Lockable Battery Isolator fitted to ensure machine is locked out prior to prestart or maintenance is undertaken.	Yes	Removeable key isolator fitted.	Medium
Work Area to be barricaded during operation with appropriately distanced exclusion zone.	Yes	Responsibility of operator.	Medium
Park Brake fitted and to be maintained as per OEM standards to prevent roll away.	Yes		Medium
Mirrors Fitted to reduce blind spots.	Yes	Responsibility of operator/owner to adjust them accordingly prior to operation.	Medium
Decals fitted to notify persons to keep clear.	Yes		Medium
Wheel nut indicators fitted.	No		Medium
Travel alarm fitted with a db reading above 87db @ 1mtr.	Yes		Low
Rotating Beacon Fitted and visible from 200mtrs @ 360dgrees.	Yes		Low

Control Measures in Place	Status	Comments/Issues	Risk Rating
Mirrors fitted and operator to ensure they are adjusted correctly to reduce blind spots.	Yes		Medium
Horn Fitted to alert bystanders or movement of Machine/Vehicle.	Yes		Low
Hydrostatic Drive - Machine controls are self centring meaning operation will cease if operator lets go of controls.	Yes		Medium
Machine is fitted with ISO certified ROPS.		Conforms to ISO 3471:1980	
Machine is fitted with ISO certified FOPS.		Conforms to ISO 3449:1980	
Seatbelt fitted and in good working order.	Yes		Low
Reverse Camera fitted to machine to reduce blind spots.	Yes		Medium
Emergency stop fitted at ground level and in the operators station.	No		Medium

Friction

Can anyone be burnt due to contact with moving parts or surfaces of the plant, or material handled by the plant

Control Measures in Place	Status	Comments/Issues	Risk Rating
Safe Work Procedures in place.		Responsibility of operator/owner.	
Guards.	Yes		Medium
PPE (Eye and Hand Protection to be worn when performing maintenance or prestart activities).		Responsibility of operator/owner.	

Striking

Can anyone be struck by moving parts due to working pieces being ejected:

Control Measures in Place	Status	Comments/Issues	Risk Rating
Keep Clear Warning Decal.	Yes		Medium
Engine Bay Guards with lockable doors fitted.	Yes		Low
Engine Fan Guard.	Yes		Low
Belts & pulley guards.	Yes		Low
Correct retaining pins.	Yes		Low
Glass in safe operational condition.	Yes		Low
Reversing or travel alarm.	Yes		Low

Control Measures in Place	Status	Comments/Issues	Risk Rating
Amber flashing beacon.	Yes		Low
Reversing Decal fitted.	Yes		Medium
Front and or Rear work lights.	Yes		Low
Reflective side tape fitted.	No		Medium
UHF Operator communication fitted.	Yes	80 Channel UHF fitted to enable positive communication between operator/s and spotters.	Low
Horn Fitted to alert bystanders or movement of Machine/Vehicle.	Yes		Low
Brake Lights	Yes		Low
Work Area located and barricades in place to prevent access into operating area or exclusion zone.		Responsibility of operator.	
Lockable Battery Isolator fitted to ensure machine is locked out prior to prestart or maintenance is undertaken.	Yes	Removeable key isolator fitted.	Medium
Hydrostatic Drive - Machine controls are self centreing meaning operation will cease if operator lets go of controls.	Yes		Low
Machine is fitted with ISO certified ROPS.		Conforms to ISO 3471:1980	
Machine is fitted with ISO certified FOPS.	Yes	Conforms to ISO 3449:1980	Low
Reverse Camera fitted to machine to reduce blind spots.	Yes		Medium
Wheel Chocks mounted on machine.	No		Medium

High Pressure Fluid

Can anyone come into contact with fluids under high pressure, due to plant failure or misuse of the plant?

Control Measures in Place	Status	Comments/Issues	Risk Rating
All hose clamps fitted.	Yes		Low
High Pressure Warning decals.	Yes		Medium
All pipes clamped	Yes		Low
High Pressure Fluid Decal	Yes		Medium
Battery Explosion warning decal fitted.	Yes		Low
Pressure Release Radiator Cap fitted.	Yes		Low

Control Measures in Place	Status	Comments/Issues	Risk Rating
Sheathing fitted to hoses to prevent rubbing and failure.	Yes		Low
Lockable Battery Isolator fitted - so machine can be locked out before any maintenance activities are undertaken.	Yes	Removeable key isolator fitted.	Medium
Relieve any pressure from system before undertaking any maintenance activities and follow manufactures procedures.		Responsibility of operator/owner	
Daily inspection of the hose for damage or excessive wear.		Responsibility of operator.	
Coolant overflow bottle fitted - removing the need to open cooling system to check the coolant level.	Yes		Low
Hoses are routed in such a way that they are not exposed to an operator or bystander under normal operating conditions.	Yes		Low
All load bearing cylinders grounded prior to work being undertaken on hydraulic system.		Responsibility of operator/owner	
Gloves and Safety Glasses to be worn whilst performing any maintenance or prestart activities.		Responsibility of operator/owner	

Electrical

Can anyone be injured by electrical shock or burnt due to:
 The plant contacting live electrical?
 The plant working to close proximity to electrical conductors?
 Overload of electrical circuits?
 Damage or poorly maintained electrical cables?
 Damage to electrical components?
 Lack of Isolation procedures?

Control Measures in Place	Status	Comments/Issues	Risk Rating
Overhead Electrical Hazard / obstructions decal fitted.	Yes	All overhead services to be identified prior to operation.	Medium
Isolation Switches in good condition.	Yes	All circuits are protected with appropriate circuit breakers/fuses.	Low
Look up and Live Decal fitted.	Yes		Medium
Battery Constrained to prevent displacement.	Yes		Low
Battery Isolator lockable	Yes	Removeable key isolator fitted.	Medium
No damage to electrical wires.	No		Low
Travel Height of Machine decal	Yes		Low

Control Measures in Place	Status	Comments/Issues	Risk Rating
Electrical Spotter to be used if working within close proximity of electrical wires.		Responsibility of operator.	
Rubber Matting or rubber boots covering the battery terminals to prevent contact with live terminals.	Yes		Low
UHF Radio fitted to machine to enable positive communication between operator and spotter.	Yes		Low
Emergency stop fitted at ground level and in the operators station.	No		Medium

Explosion

Can any one be injured by explosion of gases, vapours, liquids, dusts or other substances, triggered by the operation of the plant or by material handled by the plant?

Control Measures in Place	Status	Comments/Issues	Risk Rating
Hydraulic Accumulator.	Yes		Low
Fuel Decal.	Yes		Medium
Hydraulic Oil Decal.	Yes		Medium
Lockable Battery Isolator fitted to ensure machine is locked out prior to prestart or maintenance is undertaken.	Yes	Removeable key isolator fitted.	Medium
Battery Terminal boots or rubber matting fitted to prevent contact with live electrical conductors.	Yes		Low
Battery Explosion Decal fitted.	Yes		Low
Gloves and safety glasses to be worn whilst performing maintenance or prestart activities.		Responsibility of operator/maintenance personal.	
Fire Extinguisher fitted and tested and tagged in accordance with AS1851.	Yes	Responsibility of operator/owner.	Medium

Slipping Tripping and Falling

Using the plant or being in the vicinity of the plan, slip, trip or fall due to the working environment or other factors? E.g. Poor Housekeeping, slippery or uneven work surface or lack of guardrails.

Control Measures in Place	Status	Comments/Issues	Risk Rating
Machinery tracks or steps are clean (Clear of mud).	Yes	Fitted steps are of a non-slip design. Responsibility of operator to ensure steps are clean.	Medium
Non Slip Surface Grip tape fitted (Kept clean - as it fills up with dust then becomes slippery).	Yes		Medium

Control Measures in Place	Status	Comments/Issues	Risk Rating
Adequate Steps/footings in place.	Yes		Low
Adequate guardrails/handrails/grab rails in place.	Yes	Ensure 3 points of contact is able to be maintained during access and egress from machine.	Low
3 points of contact decal fitted.	Yes		Low
No visible signs of excessive lubricant leakage, operator to check for any leaks during prestart.	No	Responsibility of operator/owner.	Low
Operator's Station clear of Debris (e.g. Cans of paint, grease cartridges, chains, drink bottles, eskies, quick hitch safety pins etc).		Responsibility of operator.	
Appropriate footwear to be worn at all times.		Responsibility of operator/owner.	

Ergonomic

Can anyone be injured due to seating design, repetitive body movement or posture, excessive effort, poor workplace or plant design causing mental or physical stress, lack of consideration for human behavior, poor lighting or other factors not mentioned?

Control Measures in Place	Status	Comments/Issues	Risk Rating
Seat in useable condition.	Yes	Seat to be adjusted to ensure correct posture to avoid straining during machine operation.	Low
Operation Controls (Levers & Pedals in operators Reach).	Yes		Low
Seat Adjustment Controls Operational.	Yes		Low
Control Labels readable.	Yes		Low
Mirrors to be adjusted to avoid straining.		Responsibility of operator to ensure mirrors are adjusted correctly prior to machine operation.	

Suffocation

Can anyone be suffocated due to lack of oxygen, or atmospheric contamination?

Control Measures in Place	Status	Comments/Issues	Risk Rating
Not excessive Engine fumes.	No	engine emission reduced with(EG - tier III) Operator to ensure adequate ventilation prior to operation.	Low
Door & Window seals well maintained (Where applicable).	Yes		Low
If working in an enclosed area operator to ensure there is adequate ventilation present, in some cases a further Risk Assessment may need to be carried out prior to operating.		Responsibility of operator/owner	

High Temperature or Fire

Can anyone come into contact with objects at high temperature or injured by fire?

Control Measures in Place	Status	Comments/Issues	Risk Rating
Exhaust in adequate condition.	Yes		Low
Hot Hazardous exhaust decal.	Yes		Medium
Fire Extinguisher in the Equipment and maintained to AS 1851-2012.	Yes	Responsibility of operator/owner to ensure fire extinguisher is maintained to AS1851.	Medium
Hot Surface Warning Decals.	Yes		Medium
Service History up to date.		Responsibility of owner.	
Exhaust Guard fitted to help protect from accidental contact?	Yes	Exhaust is guarded from accidental contact and routed so that accidental contact during pre start checks and maintenance is unlikely.	Low
Tank ID Label Fitted	Yes		Low
All areas exposed to high temperatures to be clear of combustible materials.		Responsibility of operator.	
Gloves and safety glasses to be worn whilst performing maintenance or prestart activities.		Responsibility of operator.	
Coolant overflow bottle fitted - removing the need to open cooling system to check the coolant level.	Yes		Low

Thermal Comfort

Can anyone suffer ill-health due to exposure to high or low temperatures?
 Can the operator get sun burnt?

Control Measures in Place	Status	Comments/Issues	Risk Rating
Ventilation.		Responsibility of operator to ensure adequate ventilation prior to and during operation of machine.	
Air Conditioning.	Yes		Low
Windows tinting fitted.	Yes		Low
PPE & Sunscreen provided.		Responsibility of operator/owner.	

Noise

Is the noise level of the piece of equipment at a point that could damage your hearing?

Control Measures in Place	Status	Comments/Issues	Risk Rating
Enclosed Cab.	Yes		Low
PPE Protection Decals.	Yes		Medium

Control Measures in Place	Status	Comments/Issues	Risk Rating
Hearing protection supplied.		Responsibility of operator.	
Documentation Is the following documentation in the cab or readily available to the operator?			
Control Measures in Place	Status	Comments/Issues	Risk Rating
Operators Manual with the equipment.	Yes		Low
Attachment Risk Assessment (if applicable).		Responsibility of operator.	
Service & Maintenance Records to be up to date.	Yes	Responsibility of owner to ensure service & maintenance is carried out by a suitably qualified mechanic in line with manufacturer requirements for maintenance or repair.	Low
Plant Pre-Start Check List.		Responsibility of operator to ensure pre start is carried out daily, prior to use of the machine.	
Safe Working Method Statement and procedures in place.		Responsibility of operator/owner.	
Traffic Management in place (if applicable).		Responsibility of operator/owner.	

Report Images

Machine Photo



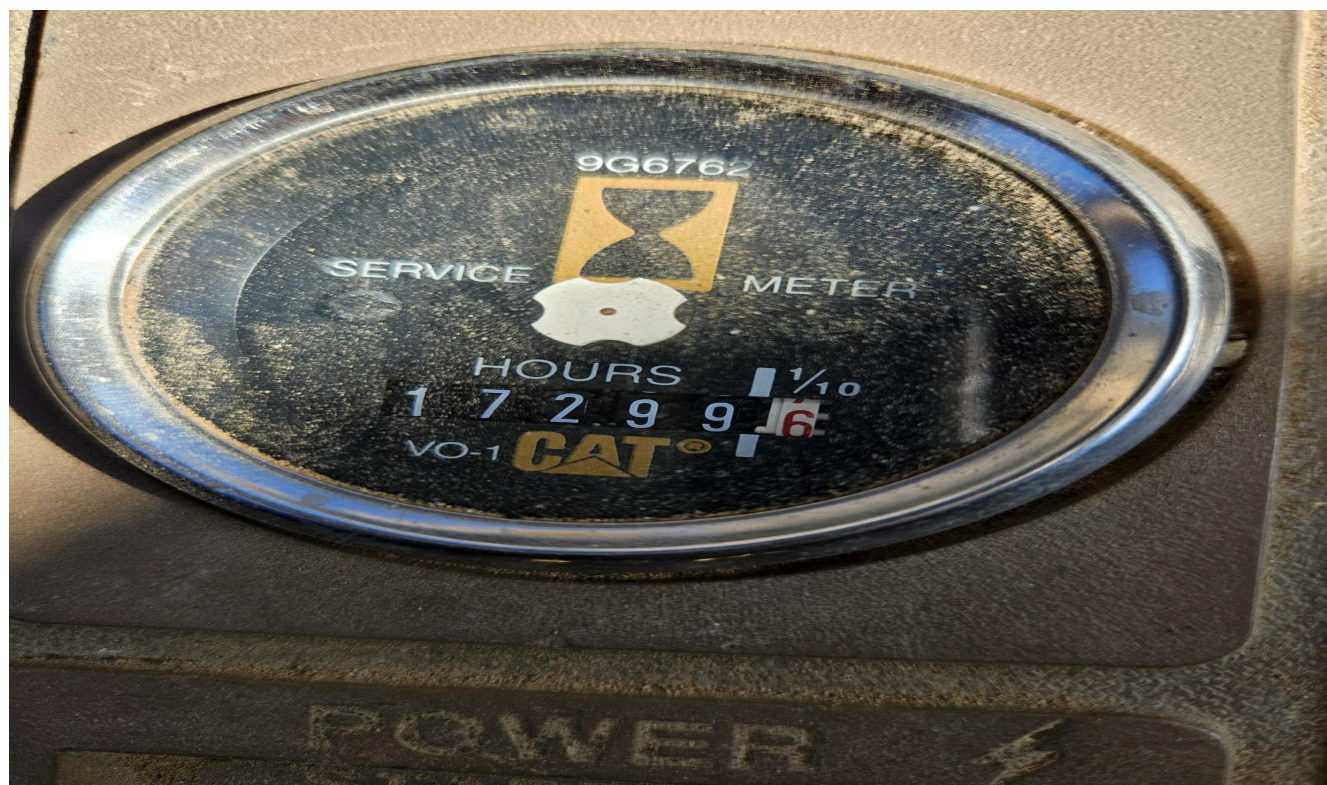
Data Plate



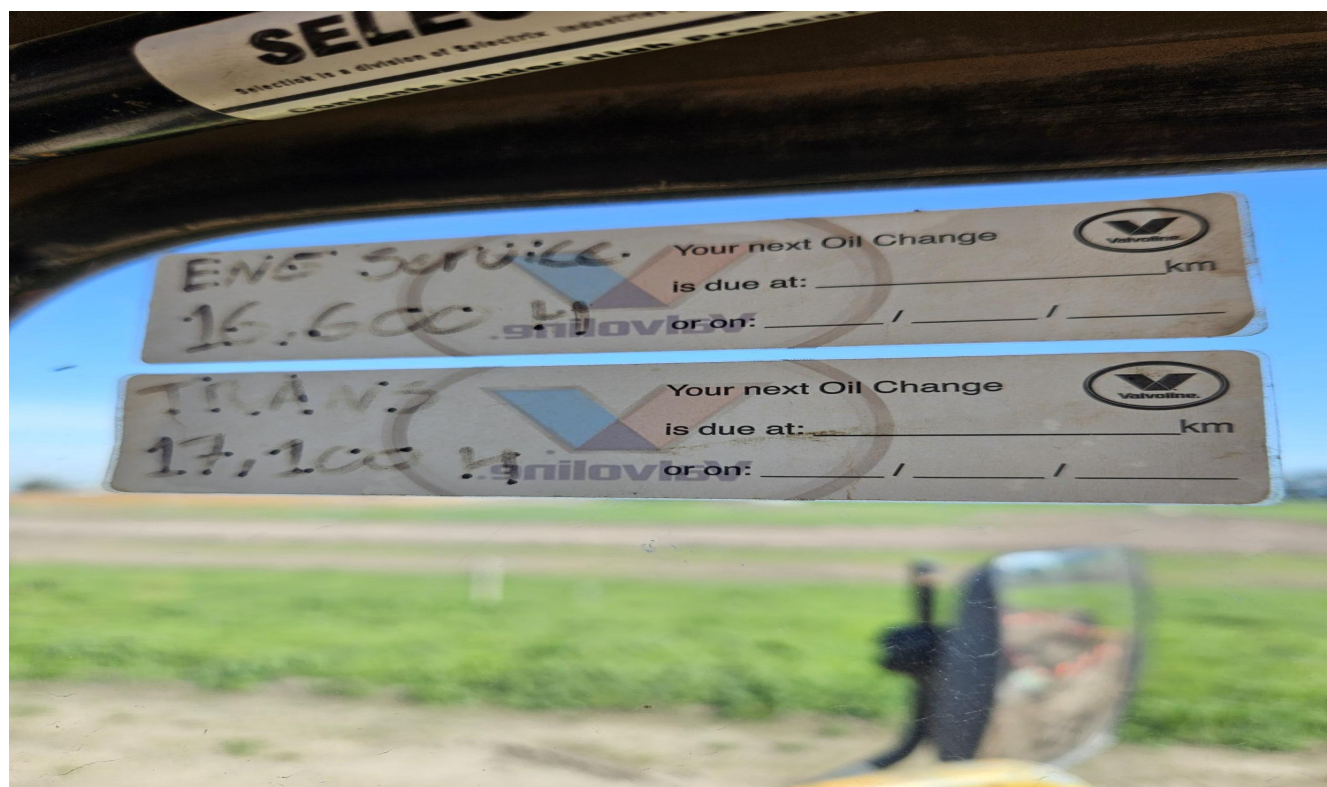
ROPS Plate



Hour Meter



Service Sticker



Important Notes

- Service History it to be up to date and maintained by the Hiree, Owner and operator.
- The above assessment is based on the machine only not the site or work environment it may be used. This is the responsibility of the operator to ensure safe work practices and Pre-Start Checks are followed.
- All operators to be trained prior to use of machinery.
- All attachments used with the machine need to have data plates.
- If any piece of machinery is used as a crane this needs to be adhered to the adhere to the Crane Australian Standards, including understanding the Load Chart and the lift to be use with a closed eye.

Hirer / Operator Acknowledgment:

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:

We the undersigned, confirm that the Plant Risk Assessment included in this report has been explained and its contents are clearly understood. We also confirm that our required qualifications to undertake this activity are current. We also clearly understand that the controls in this Plant Risk Assessment must be applied as documented, otherwise work is to cease immediately.

Name:	Qualification:	Signature:	Date:	Employer:

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