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This form is to be completed in accordance with the Hazard Management Policy/Procedure and Plant and Equipment Safety Management Policy/Procedure.

For further information please refer to the OHS Regulations Part 3 Plant

Overall risk rating (existing controls) highest score

eg L, M, H, VH

Pate asse. 2/0 Review da (1 yr, from RI RISK ASSESSM) RISK ASSESSM CARL HAWORTH :: AIDEN BRAND. ssed: 2/03/2023	CIEV . ENIEVI	NEORWALLON ABOUT	SIET I: EN ER INFORMATION ABOUT HE HEW OF FLAN /EQUIPMENT, I'S LOCATION AND THE FEOTIE COMPLETING THE RISK ASSESSMENT	OCATION AND THE PEOPLE CO	THE SMITERIAN	IE KION AGGEGGIMENT
action: Sa. SEQUIPMENT HIRE AND SALES HOURS: 1.2 2/03/ Se of Plant: CIVIL CONSTRUCTION	Plant	HALLAM	Owner of Plant:	SERIAL NO: 56877		Date assessed:
REGISTRATION/LICENCES/ se of Plant: CIVIL CONSTRUCTION REGISTRATION/LICENCES/ Eves (1 yr, from RISK ASSESSMEN COMPETENCIES) COMPETENCIES Registration required? Ves No Other competency required? No Other competency required? No Include in Safe Operating Procedure REGISTRATION/LICENCES/ COMPETENCIES LEGISLATION LEGISLATION SHandard to be used for further reference. OHS Legislation and/or Australian Standard to be used for further reference. OHS Regulations (2017) Divisions: 1.2 OHS Responsibilities 1.3 Information, Instruction, Training, Induction, Supervision and Su	Location:		S & S EQUIPMENT HIRE AND SA		100	2/03/2023
CIVIL CONSTRUCTION REGISTRATION/LICENCES/ COMPETENCIES (Reder Appendix B) Registration required? Pes No Supervisor assessment required? (Induction required for this plant) Yes No Other competency required? No Include in Safe Operating Procedure Induction and/or Australian Standard to be used for further reference. OHS Legislation and/or Australian Standard to be used for further reference. OHS Regulations (2017) Divisions: 1.2 OHS Responsibilities 1.3 OHS Regulations (2017) Divisions. Training, Induction, Supervision 2.1 No 2.2 Plant with moving parts 3.2.15 Hazard Management 3.2.15 Hazard Management 4.5 1788 Abrasive wheels AS 4024 - 2014 Safely of machinery AS 1788 Abrasive wheels AS 60204.1 electrical equipment for industrial machines (No.) Other Competency required? AS 1788 Abrasive wheels AS 60204.1 electrical equipment for industrial machines (No.) Other Competency required? AS 1788 Abrasive wheels AS 60204.1 electrical equipment for industrial machines	Plant:					Review date: 2/03/2024
CIVIL CONSTRUCTION REGISTRATIONILICENCES/ f machine being assessed. COMPETENCIES (Refer Appendix B) Registration required? Yes No No Standard to be used for further reference. 1.2 OHS Regulations (2017) Divisions: 1.2 OHS Responsibilities 1.3 Information, Instruction, In	(Include name and model)	KUBOTA U17-3HG EXC,	AVATOR			(1 yr, from RISK ASSESSMENT)
REGISTRATION/LICENCES/ COMPETENCIES (Refer Appendix B) Registration required? Yes No Licence/ Trade certificate required? No Supervisor assessment required? (Induction required for this plant) Yes No Other competency required? No No Other Competency required? No Include in Safe Operating Procedure REGISTRATION/LICENCES/ COMPETENCIES OHS Legislation and/or Australian Standard to be used for further reference. OHS Regulations (2017) Divisions: 1.2 OHS Responsibilities 1.3 Information, Instruction, In	Purpose of Plant:	CIVIL CONSTRUCTION				
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Registration required? Yes No No No No Consultant: AIDEN BRAND-OL Include in Safe Operating Procedure No Registration required? Yes Signature) No Supervisor assessment required? No Other competency required? No No No No No No Registration required? Yes AS 4024 - 2014 Safety of machinery AS 1788 Abrasive wheels AS 60204.1 electrical equipment for industrial machines Signature) No No Signature) No Signature) No Signature) No Signature) No Signature)			(Refer Appendix B)	OHS Legislation and/or Australian		18
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Supervisor assessment required? (Induction required for this plant) Yes No Other competency required? No Include in Safe Operating Procedure Assessor: CARL HAWORTH	- u			o 40 Nicion		
Supervisor assessment required? (Induction required for this plant) ☐ Yes ☐ No Other competency required? ☐ No Include in Safe Operating Procedure Supervisor assessment required? ☐ 3.2.25 Plant with moving parts ☐ 3.2.15 Hazard Management ☐ AS 4024 - 2014 Safety of machinery ☐ AS 60204.1 electrical equipment for industrial machines ☐ (Signature) ☐ (Nignature)	N.		No	Part 3 Plant (including)	Assessor: CAR	IL HAWORTH
Yes No Other competency required? No No Include in Safe Operating Procedure No No No No No No No No No N			Supervisor assessment required?	 3.2.25 Plant with moving parts 	Consultant: All	DEN BRAND-OLIVER
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(Signature)			□⊠ N° es	AS 60204.1 electrical equipment for		
			Include in Safe Operating Procedure	industrial machines		(
						CARL HAWORTH
	A. W.				(Signature)	(Name)

LEGEND
☐ EI = Elimination
☐ Su = Substitution
☐ En = Engineering

☐ Is = Isolation
☐ Ad = Administration
☐ PPE = Personal Protective Equipment

Yes UNLIKELY FIRST AID	UNLIKELY	FIRST AID	MEDIUM	When in operation, pedestrians to keep		Warning decals in place.	<u></u>
		רואט ו אונט	NIC CION	clear		Guards are installed. Engine covers are fitted. Induction.	z
Are emergency stop buttons adequate?	ate?						
Yes (within easy reach and clearly marked)					Sr m	Customer to organise installation of any others if required.	
Other issues			14		□ □ [5	Z
			*****		□PPE		
Are there adequate fire extinguishers fitted?	s fitted?						
NO							z
Is there a working travel alarm fitted?	?						
Yes.							z
Is there a working flashing beacon?							
Yes.							Z

		Can	
Can anyone be cut, stabbed or punctured, amputated by coming into contact witi Moving plant or parts UNLIKELY MAJOR MEDIUM Pede Novi Pede Quid Other issues Nor pieces disintegrating Other issues	Plant falling or unexpected movement of the plant eg Tipping Rolling over Rolling forward The plant's load Under/between plant and a structure eg wall Inability to apply brake Falling off the plant Part of the plant collapsing/changing shape Other issues No	Hazard Identified Can anyone be crushed by:	LEGEND EI = Elimination Su = Substitution En = Engineering
Stured, ampu UNLIKELY	UNLIKELY	Likelihood	Is = Isolation Ad = Adminic PPE = Perso
tated by comin	MAJOR	Consequence	Is = Isolation Ad = Administration PPE = Personal Protective Equipment
g into conta	MEDIUM	Score	Equipment
ct with Pede Quid Movi	Wo	_	

2	Warning decals fitted. Induction.	N N N N N N N N N N N N N N N N N N N	Pedestrians to keep clear 30 metres. Quick hitch failure. Moving blade or bucket.	MEDIUM	MAJOR	UNLIKELY	Moving plant or parts Moving plant or parts UNLIKELY MAJOR MEDIUM Pedestr
z	Neutral start switch fitted. Travel alarm and beacon fitted. Pedals are non-slip. Warning decals fitted. Park brake operational. Control pod operational. ROPS/FOPS structure fitted. Seatbelt fitted. Handrails fitted. SWL decals fitted. Do not lift above personnel decal fitted. Induction.	⊠ ⊠ □ □ ⊠ ⊠ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Unexpected movement. Working near structures. Sudden reversing. Operator not wearing seatbelt. Working near pedestrians. Working on plant during maintenance and servicing.	MEDIUM	MAJOR		Plant falling or unexpected movement of the plant eg
Action required Y/N	Current Controls	Hierarchy of control	Comments (ie when and where hazard is present, task/activity)	Score	Consequence	Likelihood	<u>a</u>

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Hazard Identified	Likelihood	Consequence	Score	Comments (ie when and where hazard is present, task/activity)
Can anyone be crushed by:				
Plant falling or unexpected movement of the plant eg	UNLIKELY	MAJOR	MEDIUM	Unstable ground.
☐ Tipping				Unexpected movement. Working near structures.
				Sudden reversing.
□ Rolling forward				Operator not wearing seatbelt.
☐ The plant's load				Working near pedestrians.
				Working on plant during maintenance and servicing.
☐ Inability to apply brake				ć
Part of the plant collapsing/changing shape				
Other issues				
□ No				
NA NA			Managara (School of School	
Can anyone be cut, stabbed or punctured, amputated by coming into contact with:	tured, amput	tated by coming	into contac	t with :
Moving plant or parts Sharp or flying objects	UNLIKELY	MAJOR	MEDIUM	Pedestrians to keep clear 30 metres.
Work pieces ejected ■				Moving blade or bucket
☐ Work pieces disintegrating				S STATE OF S
Other issues				
No No				
NA NA				

⊠PPE \boxtimes Ad \boxtimes Is □Su

ROPS/FOPS structure fitted.

Control pod operational. Park brake operational. Warning decals fitted. Pedals are non-slip. Travel alarm and beacon fitted.

Neutral start switch fitted.

Z

Hierarchy of control

Current Controls

Action required Y/N

⊠ Ad ⊠ PPE $\frac{1}{2}$ □Su

Induction.

Warning decals fitted.

z

Do not lift above personnel decal fitted.

SWL decals fitted.

Handrails fitted. Seatbelt fitted.

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			I Vision
nazard identified	can anyone be built due to Highlon?	Contact with moving parts or surface of the plant Material handled by the plant Other issues No No Na Plant/materials being ejected Plant/material movement Other issues No	Can anyone suffocate due to: Lack of oxygen Atmospheric contamination Engulfment Other issues No NA
Likelinood	3	ojjects due to:	RARE
Likelinood Consequence		MAJOR	MAJOR
Score		MEDIUM	MEDIUM
Comments (ie when and where hazard is present, task/activity)		Load may shift, pedestrians to keep clear 30 metres. Unexpected plant movement	When working in confined spaces operator may be overcome by exhaust fumes.
Hierarchy of control		□ Su □ PPE □ Su	⊠ PPPE
Current Controls		Travel alarm and beacon fitted. Keep clear decals fitted. Swing area decals fitted. Induction for correct operation. ROPS/FOPS structure fitted.	Training for confined spaces must be completed before undertaking this type of work. Induction.
Action required Y/N		z	z
	STATE OF	No. Company	15000

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Can ar			Can	
Can anyone slip, trip or fall due to: \times The location of the plant \times Uneven work surfaces \times Lack of safe guards (eg rails) \times Slippery work surfaces \times Other issues \times No \times NA	Can anyone be affected by temperature extremes? Exposure to high temperature Exposure to low temperature Other issues No NA	High/low temperature Naked flame Steam Laser beams Other issues NA	Hazard Identified	EI = Elimination Su = Substitution En = Engineering
POSSIBLE	RARE	UNLIKELY	Likelihood	Is = Isolation Ad = Adminis
FIRST AID	FIRST AID	FIRST AID	Consequence	Is = Isolation Ad = Administration PPE = Personal Protective Equipment
MEDIUM	LOW	MEDIUM	Score	Equipment
When working on uneven ground. When entering and exiting plant.	When working in extremes of temperature.	When inspecting radiator. On exhaust.	Comments (ie when and where hazard is present, task/activity)	
PPE □ □ □	M D En Su PPE	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Hierarchy of control	
Seatbelts must be worn at all times. Maintain 3 points of contact when entering or exiting machine. Handrails fitted. Safety decals fitted. Steps to be kept clean.	Sunscreen to be worn. Appropriate clothing to be worn. Induction and training.	Hot coolant decal fitted. Hot exhaust decal fitted. Exhaust located out of reach of operating position, and all pedestrians to keep clear.	Current Controls	
z	Z	z	Action required Y/N	

53	☐ En = Engineering	Su = Substitution	☐ EI = Elimination	LEGEND
	□ PPE = Personal Protective Equipment	Ad = Administration	☐ Is = Isolation	

z							Yes
						7	Is there a current operators manual?
Z	Ergonomic and adjustable seat fitted. Low stress controls fitted. Good lighting fitted. Control knobs easy to reach. Operator to take correct break periods.	□ EI □ EI □ Su □ Su □ Su □ Su □ PPE	Long periods of operation	MEDIUM	FIRST AID	POSSIBLE	Repetitive body movement or posture Insufficient space Excessive effort (push/pull) Working at a height Seating design Poor lighting Other issues No
					e to:	nic issues du	Can anyone injured due to ergonomic issues due to:
z	High pressure fluid decals fitted. Hose clamps fitted. Hose covers fitted. Hoses in good condition and correct maintenance to be continued.	□ EI □ Su □ Su □ Su □ Su □ Is □ Ad □ PPE	Hydraulic hoses may burst. Radiator hoses may burst.	MEDIUM	MAJOR	fluids or gas	Can anyone come into contact with fluids or gases under high pressure due to: Failure of the plant
Action required Y/N	Current Controls	Hierarchy of control	Comments (ie when and where hazard is present, task/activity)	Score	Consequence	Likelihood	Hazard Identified

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STEP 3: ACTION REQUIRED BY MANAGER/SUPERVISOR/AUTHORISED PERSON

🛛 If no actions required and residual risk is medium to very high, the activity and the hazard(s) have been transferred to the Hazard Register and communicated to the relevant personnel.

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RISK ASSESSMENT TABLES

Likelihood Table

CATEGORY	DESCRIPTION	
Almost Certain	Incident will occur at some time (0 – 1 month)	
Likely	Incident could occur at some time (1 month – 1 year)	
Possible	Incident is possible to occur (1 year – 2 years)	
Unlikely	Incident is possible, but unlikely to occur (2 years – 5 years)	
Rare	Cannot imagine that this could occur (over 5 years)	

Consequences Table

CATEGORY	DESCRIPTION		
Minor	Effects unlikely to last until the next day.		
First Aid	Likely to affect employee the next day.		
Major	Medical Treatment injury needs formal medical treatment		
Critical	Injury requiring extensive medical treatment and/or hospitalization		
Catastrophic	Injury resulting in death or permanent incapacity		

Risk Score Calculator

Likelihood	Consequences				
	Minor	First Aid	Major	Critical	Catastrophic
Almost certain	Medium	High	High	Wery High	Very High
Likely	Medium	Medium	High	High	Very High
Possible	Low	Medium	High	High	High
Unlikely	Low	Low	Medium	Medium	High
Rare	Low	Low	Medium	Medium	High

Risk Priority Table

Descriptor	Priority	Action		
Very High	1	Immediate action required. The activity should cease immediately and short term safety controls implemented. Notify Manager and assess activity.		
High	2	Implement short term safety controls immediately. Notify Manager and assess activity		
Medium	3	Short term safety controls implemented to minimise risk of injury. Notify Manager and assess activity. Corrective Actions within one month.		
Low 4 Notify Manager and assess activity. Corrective Actions within three months (if possible).				

BLIND SPOTS

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Safety around operating plant

Machines have blind spots where operators may not see people or objects nearby. The following diagrams illustrate typical examples of blind spots for some common mobile plant.

