



# AGRIMAC PLANT RISK ASSESSMENT

Completed by: Steve Laidlaw, OHS Services :		Date: 3 June 2020
Purchaser: CHRIS SMITH - MATKO HIRE		
Vendor's representative present: Damien Etheredge		
Role: Sales Representative		
Vendor's address: Agrimac, 92 Caramut Road, Warrnambool, Vic. 3280		
Plant/Equipment name : <b>Excavator U55 - 4</b>		
Make/Description: <b>Kubota</b>		
Serial number: 25227	Date of sale: 7/3/2022	
Registration Required: No	Registration No: N/A	Reg Expiry Date: N/A
Operator's training/licence requirements: Must be fully competent & qualified to operate		
Manufacturer's Handbook available: Yes	Location: In cabin of excavator	Maintenance/Service Agreement: No
If Yes, servicing company's name: N/A		
Maintenance Frequency: Monthly / Quarterly / Six monthly / Annually – N/A		

DATE	DESCRIPTION OF SERVICE
	Pre - delivery check completed

Is there a documented Safe Operating Procedure? Yes - Manufacturer's Operator's Manual  
 Noise Assessment completed? No

Date	Level dBA	dBC	Comment
	80		From manufacturer's information

CURRENT EMERGENCY SYSTEM		
Certified rollover protection	Travel alarm & horn	Glass breaking hammer in cabin
Seat belts	Fire extinguisher	
Safety hydraulic lever	Hazard warning stickers on external surfaces (eg boom)	
Top flashing beacon & lights	Operational hazard stickers in cabin (eg Dial before you dig)	

CURRENT GUARDING
Engine & exhaust guarding

POSSIBLE HAZARD TYPES	LIKELIHOOD OF OCCURRENCE				POSSIBLE CONSEQUENCE				RISK RATING			
	Highly Unlikely	Unlikely	Likely	Very Likely	Insignificant	Minor Injury	Major Injury	Extreme	Low	Moderate	High	Acute
<b>1. Entanglement</b>												
1.1 Can any materials become entangled with moving parts of the plant	✓				✓				✓			
<b>2. Crushing</b>												
2.1 Can anyone be crushed due to:												
a. Material falling off plant	✓				✓				✓			
b. Unexpected movement of plant	✓					✓					✓	
c. Lack of capacity for plant to be slowed or stopped	✓				✓				✓			
d. The plant tipping or rolling over		✓					✓					✓
e. Part of the plant collapsing		✓					✓				✓	
f. coming in contact with moving part of the plant during testing, operation etc.		✓				✓				✓		
g. being thrown off or under plant		✓					✓					✓
h. being trapped between plant & materials or fixed structures		✓									✓	
<b>3. Cutting, Stabbing &amp; Puncturing</b>												
3.1 Can anyone be cut, stabbed or punctured due to:												
a. coming in contact with moving parts of the plant testing, operation etc.		✓				✓						✓
b. coming in contact with sharp/flying objects	✓					✓			✓			
c. the plant, parts of or work pieces disintegrate	✓					✓			✓			
d. work pieces being ejected	✓				✓				✓			
e. the mobility of the plant		✓				✓					✓	
f. uncontrolled or unexpected movement of plant		✓				✓					✓	

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<b>4. Shearing</b>													
4.1 Can any body parts be sheared between two parts of the plant	✓				✓				✓				
<b>5. Friction</b>													
5.1 Can anyone be burnt due to contact with moving parts or surfaces, or material handled by plant	✓				✓				✓				
<b>6. Striking</b>													
6.1 Can anyone be struck by moving objects due to:													
a. uncontrolled or unexpected movement of plant		✓					✓				✓		
b. the plant, parts off or work pieces disintegrate		✓					✓				✓		
c. work pieces being ejected		✓				✓							
d. mobility of the plant		✓					✓				✓		
<b>7. High Pressure Fluid</b>													
7.1 Can anyone come into contact with fluids under high pressure, due to plant failure or misuse.		✓					✓				✓		
<b>8. Electrical</b>													
8.1 Can anyone be injured by electrical shock or burnt due to:													
a. the plant contacting live electrical conductors			✓				✓					✓	
b. the plant working too close to electrical conductors			✓				✓					✓	
c. overload of electrical circuits	✓				✓						✓		
d. damaged or poorly maintained leads and cables	✓				✓						✓		
e. damaged electrical switches	✓				✓						✓		
f. water near electrical equipment	✓				✓						✓		
g. lack of isolation procedures	✓				✓						✓		



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<b>11. Ergonomic</b>												
11.1 Can anyone be injured due to:												
a. poorly designed seating	✓				✓				✓			
b. repetitive body movement		✓			✓				✓			
c. constrained body posture, e.g. excessive effort	✓				✓				✓			
d. designed deficiency causing mental stress	✓				✓				✓			