PLANT RISK ASSESSMENT (WATER PUMP) SS-WHS-SAF-000 Authorised By: Rev 1 [Publish Date]



EQUIPMENT DESCRIPTION	Water Pump
EQUIPMENT USED FOR	
MAKE	
MODEL	
ASSESSED BY	
DATE OF ASSESSMENT	



	T			T			T	
CRITERIA	Y/N	L(I)	C(I)	R(I)	RECOMMENDED CONTROLS	L(R)	C(R)	R(R)
1. Can a person's hair, clothing, gloves, necktie, jewellery, cleaning brush or rag								
become entangled with moving parts of the plant?								L
2. Can anyone be crushed due to:								
material falling off the plant?								
 uncontrolled or unexpected movement of the plant? 								
 lack of capacity for the plant to be slowed, stopped or immobilised? 								
the plant tipping or rolling over?								
 parts of the plant collapsing? 								
 coming into contact with moving parts of the plant during testing, 								
inspection, operation, maintenance, cleaning or repair?								
being thrown off or under plant?								
being trapped between the plant and materials or fixed structures?								
other factors not mentioned?								
3. Can anyone be stabbed or punctured due to:								
 coming in contact with sharp or flying objects? 								
 coming in contact with moving parts during testing, inspection, 								
operation, maintenance, cleaning or repair?								
 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? 								
other factors not mentioned?								
4. Can anyone's body parts be sheared between two parts of the plant, or								
between a part of the plant and a work piece or structure?								
5. Can anyone be struck by moving objects due to:								
 uncontrolled or unexpected movement of the plant or material handled 								
by the plant?								
 the plant, parts of the plant or work pieces disintegrating? 								

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work pieces being ejected? mobility of the plant? other factors not mentioned? G. Can anyone be injured by electrical conductors? damaged netrical conductors? damaged or poorty maintained electrical conductors? down anyone be injured by explosion of gases, vapours, liquids, duals or other ubustances, engegres by the operation of the plant or by material handled by the plant? oporty designed soating? poorty designed soating? down anyone be injured by explosion or the material handled by the plant? outre factors not mentioned? down anyone be injured by explosion or the material handled by the plant factors not mentioned? down anyone be injured by explosion or the plant or by material handled by the plant forces? high forces? high forces? high forces? high forces? high forces? down anyone be injured by explosion or the plant or by material handled by the plant forces? high forc		 		
	work pieces being ejected?			
6. Can anyone come into contact with fluids under high pressure, due to plant 7. Can anyone be injured by electrical shock or burnt due to: • the plant contacting live electrical shock or burnt due to: • the plant contacting live electrical shock or burnt due to: • the plant contacting live electrical conductors? • overload of electrical acrouits? • damaged or poorly maintained electrical leads and cables? • damaged or poorly maintained electrical leads and cables? • damaged or poorly maintained electrical leads and cables? • damaged or poorly maintained electrical leads and cables? • damaged or poorly maintained electrical leads and cables? • damaged or poorly maintained electrical leads and cables? • damaged or poorly maintained electrical leads and cables? • damaged or poorly maintained electrical leads and cables? • damaged or poorly maintained electrical leads and cables? • adamaged or poorly maintained electrical leads and cables? • other factors not mentioned? 8. Can anyone be injured by explosion of gases, vapours, liquids, dusts or other substances, triggered by the operator on the maintain adamted by the plant? • Doarly designed operator controls? • poorly designed operator controls? • high forces? • adwaward budy posture or the need for excessive effort?	mobility of the plant?			
failure or misuse of the plant?				
7. Can anyone be injured by electrical shock or burnt due to: • the plant contacting live electrical conductors? • overload of electrical circuits? • overload of electrical circuits? • damaged electrical equipment? • adarded electrical equipment? • adarded by explosion of gases, vapours, liquids, dusts or other substances, lingered by the operation of the plant or by material handled by the plant? 8. Can anyone be injured due to: • poorly designed seating? • poorly designed seating? • awkward body posture or the need for excessive effort? • awkward body posture or the need for excessive effort? • other factors not mentioned? • other factors not mentioned? • repotitive movements? • awkward body posture or the need for excessive effort? • awkward body posture or the need for excessive effort? • ther factors not mentioned? • ther factors not mentioned? • other factors not mentioned? • ther factors not mentioned? • other factors not mentioned?				
• the plant contacting live electrical conductors? • the plant working in close proximity to electrical conductors? • overload of electrical circuits? • damaged or poorly maintained electrical leads and cables? • damaged electrical switches? • water near electrical equipment? • lack of isolation procedures? • other factors not mentioned? 8. Can anyone 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? 9. Can anyone be injured due to: • poorly designed seating? • poorly designed operator controls? • high forces? • witheration? • witheration? • tortettive movements? • other factors not mentioned? • awkward body posture or the need for excessive effort? • torterators not mentioned? <td></td> <td></td> <td></td> <td></td>				
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failure to select plant that is suitable for its intended use?			1	
	failure to select plant that is suitable for its intended use?			
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•	exposure to hazardous chemicals, radiation or other emissions released by the plant?				
•	lack of operator competency?				
•	other factors not mentioned?				
•	restricted vision due to seating position?				

		Consequences								
	Risk Matrix		Minor (2) Minor injuries / first aid	Severe (4) Serious injuries / hospitalisation	Catastrophic (5) Death / permanent impairment					
	Certain (5) 100% likely / almost 100% likely	Moderate (5)	High (10)	High (15)	Catastrophic (20)	Catastrophic (25)				
	Likely (4) Will probably happen / is likely to happen	Moderate (4)	Moderate (8)	High (12)	Catastrophic (16)	Catastrophic (20)				
Likelihood	Possible (3) Could happen or plausible	Low (3)	Moderate (6)	Moderate (9)	High (12)	High (15)				
	Unlikely (2) Improbable but could happen / not expected	Low (2)	Moderate (4)	Moderate (6)	Moderate (8)	High (10)				
	Very Unlikely (1) Rare / not expected but remotely possible	Low (1)	Low (2)	Low (3)	Moderate (4)	Moderate (5)				