



Risk assessment

Ref no: RA45	Area: Lining Hoppers in Water Treatment	Assessor: Ian Warne
	Date of Assessment: 25/09/18	Assessment date: Ad Hoc Assessment – Review before next use

Hazard	Who might be harmed and how?	Existing Control measures	Residual risk L/M/H	Action by who?
Asphyxiation	Employees (Death, serious illness, illness)	<ul style="list-style-type: none"> • Inspection by competent person prior to entry • Wear appropriate PPE • Rescue/Emergency Plan • EBAC Air Blower to be used at all times to allow a constant stream of fresh air • No lone working • Instruction, information, training and supervision. 	L	
Working at Height – equipment and tools falling from height	Employees (Death, serious illness, illness)	<ul style="list-style-type: none"> • Ensure the working area below is kept clear during work – cordoned off • Good housekeeping • Instruction, information, training and supervision. 	L	
Falling due to structure size and form	Employees (Death, serious injury, injury)	<ul style="list-style-type: none"> • Inspection by competent person prior to entry • Wear the harness provided • Wear appropriate PPE • No lone working • Rescue/Emergency Plan • Instruction, information, training and supervision. 	L	
Accident due to communication problems	Employees (Serious injury, injury)	<ul style="list-style-type: none"> • Agreed communication methods and alternative communication methods • Wear appropriate PPE • No lone working • Rescue/Emergency Plan • Instruction, information, training and supervision. 	L	
Accident / illness caused through physical exhaustion	Employees (Death, serious injury, injury, serious illness, illness)	<ul style="list-style-type: none"> • Regular rest breaks • Self-assessment – inform manager/supervisor of any ill health or reason to feel Exhausted • No lone working • Rescue/Emergency Plan • Instruction, information, training and supervision. 	L	

Hazard	Who might be harmed and how?	Existing Control measures	Residual risk L/M/H	Action by who?
Accident / illness caused through extremes of temperature	Employees (Death, serious illness, hyperthermia, hypothermia)	<ul style="list-style-type: none"> • EBAC Air Blower to be used at all times to allow a constant stream of fresh air • Regular rest breaks • Ensure employees are kept hydrated – regular cold drinks to be available. • Appropriate pace of working • No lone working • Rescue/Emergency Plan • Instruction, information, training and supervision. 	L	
Slips, Trips and Falls (including harness failure)	Employees (Serious injury, injury)	<ul style="list-style-type: none"> • Hazard identification • Good housekeeping and ensure the harness is in good working order • Wear appropriate PPE • Harness maintenance • No lone working • Rescue/Emergency Plan • Instruction, information, training and supervision. 	L	
Entrapment	Employees (Death, serious injury, injury)	<ul style="list-style-type: none"> • Wear harness at all times (ensure the harness is in good working order) • Rotate heavy tasks between all employees – limiting the time spent on them to a minimum. • No lone working • Rescue/Emergency Plan • Instruction, information, training and supervision. 	L	
Hot Works	Employees (Burns, serious injury, injury)	<ul style="list-style-type: none"> • Wear appropriate PPE • Rescue/Emergency Plan • Fire Extinguisher to be on site • No lone working • Job to be covered by a Hot Works Permit • Instruction, information, training and supervision. 	L	
Hand Tools (including Grinder)	Employees (serious injury, injury)	<ul style="list-style-type: none"> • Ensure the correct equipment for the job is used. • Visual inspection before use. • PPE provided where necessary. • Operating and Safety Instructions. • No lone working • Job to be covered by a Hot Works Permit • Any electrical equipment and tools provided to be PAT tested and suitable for the job • Instruction, information, training and supervision. • Only trained, competent and approved staff to use equipment. 	L	

Hazard	Who might be harmed and how?	Existing Control measures	Residual risk L/M/H	Action by who?
Electricity	Employees (Death, burns, serious injury and injury)	<ul style="list-style-type: none"> • Electrical items PAT tested annually. • Use an RCD where appropriate. • To avoid contact with water. • Electrical equipment to be suitable for task. • Good housekeeping to ensure leads cannot be damaged. • Instruction, information, training and supervision. 	L	

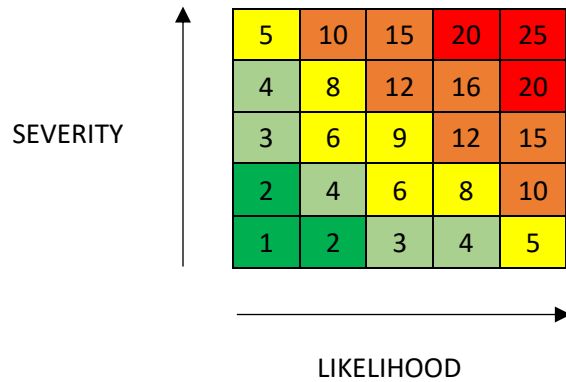
Ensure the risk control still applies, if not contact the relevant department

I (name) do hereby declare that I have received, understood and will abide by the contents of this Risk Assessment.

Signed:.....

Date:

HOW TO CALCULATE A RISK RATING



Likelihood	Severity
1 = extremely unlikely	1 = very minor injury
2 = unlikely	2 = first aid injury
3 = possible	3 = lost time injury
4 = likely	4 = hospital treatment
5 = very probable	5 = disabling injury

Risk rating	Action and timescale
15 and above	Unacceptable Work may not start. Additional controls must be introduced to reduce risk rating to below 9.
9-14	Tolerable Additional controls must be introduced as soon as possible.
5-8	Tolerable Additional controls may be needed
4 or below	Acceptable

1-4 =	Low risk
6-9 =	Medium risk
10- 25=	High risk