




Risk Number	Description of Risk [Cause/Event/Consequence]	Risk Owner	Analysis Inherent Risk			Current Controls	Control Owner	Analysis Residual Risk			Proposed / Further Controls	Control Owner	Analysis Target Risk		
			Likelihood	Impact	Inherent Risk [Before Controls]			Likelihood	Impact	Residual Risk [After Controls]			Likelihood	Impact	Target Risk [Further Controls Implemented]
1	significant [immobilising] accident to lone working operative	AM	2	3	6	1. Operator always to report to site supervisor upon arrival, and to log in / out of site	Service Engineer	1	3	3					
						2. Regular phone communication with head office advising of position	Service Engineer								
						3. Adhesion to safe working practices as outlined in method statement	Service Engineer								
2	operative contact with chemicals resulting in skin irritation / eye irritation / sickness through ingress	AM	2	1	2	1. correct usage of appropriate PPE	Service Engineer	1	1	1					
						2. Adhesion to safe working practices as outlined in method statement	Service Engineer								
						3. First Aid Kit available on site / in service vehicle stocked with appropriate remedies and eye wash	Service Engineer								
						4. COSHH present for all chemicals	Service Engineer								
3	operative injury sustained whilst working at height	AM	2	3	6	1. Use of MEWP, by trained employees, where site dictates	Service Engineer	2	2	4	redesign plant enabling zero working at height for routine maintenance	AM	1	1	1
						2. Work at height always carried out with a harness and restraining lanyard	Service Engineer								
						3. Pop-Up platform with hand rail to be used when approved and when dictated by nature of requirement (ie infrequent use for short periods of time). Permit to use by senior management to be signed in advance of tasks.	Service Engineer								
4	physical danger to operative from additional site activities	AM	3	2	6	1. Correct use of PPE (high visibility clothing and safety boots especially)	Service Engineer	2	2	4					
						2. ensure other site operatives are aware of service engineers presence through initial site meeting	Service Engineer								
						3. Use of traffic cones to section off workplace where necessary - client to provide.	Service Engineer								
5	personal injury / plant damage as a result of inclement weather	AM	2	3	6	1. Postponement of operations if deemed safest course of action	Service Engineer	1	2	2	relocation of plant to covered / internal location	Site	1	1	1
6	personal injury from working with electrical plant	AM	2	3	6	1. All install and repair electrical work carried out with electrical power isolated	Service Engineer	1	3	3	All electrical work carried out by subcontracted party.	AM	1	3	3
						2. VED Insulated tools to be used for all electrical operations									
						3. Operator trained in basic electrical fault diagnosis.									
						4. More complex faults and diagnostics to be attended by specialist electrical engineer.									

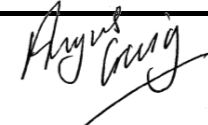


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7	personal injury or damage to property as a result of tank lifting activities	AM	2	3	6	1. All crane lifting activities to be carried out by fully trained sub-contracted operative 2. All equipment (crane and lifting equipment) to be checked for approved levels of inspection and certification. 3. Tanks to moved as little as is necessary, and as outlined in lift plan. 4. All movable obstacles to be moved in advance of lift.	Service Engineer / Sub-contracted Crane Operator	1	3	3					
8	danger to operative from working inside the saturator tank	AM	3	3	9	1. All work required inside the tank will be carried out by appropriately trained sub-contractor and not attending site engineer. 2. tank access hatch only to be used for inspection and for access to immediate tank-internal components where applicable 3. Liquid level will need to be sufficiently low to enable tank hatch opening. 4. No noxious chemicals present within tank in correct operation.	Service Engineer	1	3	3	All electrical work carried out by subcontracted party.	AM	1	3	3

Risk Matrix

probable	likely to occur each year	3	3	6	9
possible	likely to occur in a 10 year period	2	2	4	6
remote	not likely to occur in a 10 year period	1	1	2	3
ESTIMATION	DESCRIPTION		1	2	3
	Likelihood		LOW	MEDIUM	HIGH
			Impact		

Created By	Andrew Manson	Position	Technical Manager
Signed		Date	23/10/2016

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Signed		Date	23/10/2016