



Risk Assessment – Working in Confined Spaces.

Company:	SES Engineering (Newark) Ltd	Date:	16.05.2022	Review Date:	16.05.2023	Ref:	SES/0060
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Operation:	Working in Confined Spaces.			Persons at risk:	Employees, 3 rd parties		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Access and egress / Slips trips and falls.	4	4	16	The confined area should be properly accessible with the use of platforms/ scaffolding a harness and fall arresters should be used for any integral ladders. All people are to be monitored going in and out of the confined space by the “top person”.	4	1	4
Contaminates with in the confined space.	4	4	16	These will be separately risk assessed, with the relevant COSHH data considered and removed and cleaned out if required prior to any entry of the confined space. Empty discharge and feed points. Wash out from outside of the confined space. This is to be re-assessed when this has been carried out.	4	1	4
Air quality / Temperatures.	4	4	16	This will be monitored before entry into the confined space and will be monitored regularly with the use of an air monitor. Ventilation should be implemented to maintain air quality. The correct PPE/RPE will always be worn. Any abnormality in the air and the evacuation plan will be activated.	4	1	4
Communication with the outside.	3	5	15	A “top person” will be sited outside the entrance of the confined space, he will communicate/assess and control all operatives within the confined space. All operatives will be counted in and out of the confined space.	3	1	3
The area being filled by way of feeds in and other sources.	3	5	15	All valves, conveying systems and any other means that can contaminate the area will be isolated and locked off and test started by all personnel entering the confined space. This is to be over seen by the relevant and trained competent person with the operation system.	3	1	3
Entrapment within the confined space.	4	4	16	If for any reason personnel become trapped within the confined space due to entrapment/injury/incapacitated/Norcia or any other reason the “top person” will activate the evacuation/rescue plan The “top person” will not enter the confined space and will remain outside to communicate with the rescue team. The “top person” is to familiarise and understand the rescue plan before work commences “Top person” is to ensure rescue equipment is close by and ready to use.	4	1	4
Machinery start-up.	4	4	16	Full isolation and test of all machinery prior to entering and starting works within the confined space. Thorough examination of permit to work, lock off LOTOTO.	4	1	4



Musculoskeletal injuries.	3	4	12	Body positioning, force of movement and pace of work to be comfortable steady and well paced. No rushing of works, take time. Regular breaks to be taken and comfortable PPE to be worn.	3	1	3
Sprains & strains.	3	4	12	Avoid twisting, stooping, reaching and use the winch of lifting apparatus when within the confined space.	3	1	3

Likelihood →	Likely (5)	Probable (4)	Possible (3)	Unlikely (2)	Very unlikely (1)
↓ Severity					
Death (4)	20	16	12	8	4
Major Injury (3)	15	12	9	6	3
Minor Injury (2)	10	8	6	4	2
No Injury (1)	5	4	3	2	1

KEY: S = Severity
L = Likelihood
R = Risk rating

12-20 High risk
8-10 Medium risk
1-6 Low risk

PPE Required:

Hard hat	Y
High vis clothing & boots	Y
Eye/ ear protection	Y
Suitable gloves	Y
Respiratory equipment	Y
Safety harness	Y

Risk assessment to be reviewed every 12 months or following an accident / incident.