



### Risk Assessment – Control of Substances Hazardous to Health (COSHH)

<b>Company:</b>	SES Engineering (Newark) Ltd	<b>Date:</b>	12.05.2022	<b>Review Date:</b>	12.05.2023	<b>Ref:</b>	SES/0005
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Operation:	COSHH (control of substances hazardous to health)			Persons at risk:	Employees, 3 <sup>rd</sup> parties		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Operator error.	4	3	12	Know what the substance is and what it does before using it. Read the COSHH assessment and safety data sheet before use ensuring all the information and instructions provided are followed.	4	1	4
Contact with skin.	4	3	12	Wear the correct PPE as indicated in the COSHH assessment and safety data sheet. Any contamination must be cleaned up immediately and any contaminated clothing removed and laundered before re-use.	4	1	4
Contact with Eyes.	3	5	15	If substances need to be decanted or moved, do so in a controlled manner. Any contact with the eye must be rectified immediately. Never store hazardous substances above head height and wear PPE when in use as directed.	3	1	3
Inhalation.	3	4	12	If natural ventilation is insufficient, use local exhaust ventilation or respiratory equipment as required. Ensure other persons are not affected by emissions. Barriers on workspaces etc.	3	2	6
Ingestion.	4	5	20	DO NOT DRINK or EAT any hazardous substances. Never eat or drink consumables when near or using hazardous substances and after use always follow good hygiene practices. Shower, wash hands, wash all clothing and use disposable PPE where applicable. Dispose of contaminated clothing etc in specific bins.	4	1	4
Spillage.	4	3	12	Ensure spill kits clean up equipment is readily available and used where a spillage occurs, regardless of spillage amount. Even a small amount of a substance can be toxic. Always secure left-over substances in designated safe areas.	4	1	4
Explosion / Fire.	4	5	20	Do not mix substances together. Never smoke when using or near hazardous substances, specifically those that are flammable. Always have suitable extinguishing media available. Keep flammable materials away from heat sources. Store materials correctly in accordance with the COSHH assessment and safety data sheet.	4	1	4



Environmental damage.	4	4	16	Prevent hazardous substances from entering drains or watercourses. Spills to be contained, cleared, and disposed of in accordance with the safety data sheet.	4	1	4
3 <sup>rd</sup> Party contact.	4	3	12	After use, all substances must be returned to the COSHH stores and secured in a safe manner. Protective equipment must always be used to protect any 3 <sup>rd</sup> part contact.	4	1	4

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	As necessary
Respiratory equipment	As necessary
Safety harness	As necessary

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