



### Risk Assessment – Storage & Use of Flammable Liquids.

<b>Company:</b>	SES Engineering (Newark) Ltd	<b>Date:</b>	16.05.2022	<b>Review Date:</b>	16.05.2023	<b>Ref:</b>	SES/0030
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<b>Operation:</b>	Storage & Use of Flammable Liquids.			<b>Persons at risk:</b>	Employees, 3 <sup>rd</sup> parties		
HAZARD	Assessment			CONTROL MEASURES TO REDUCE THE RISK	Re-assessment		
	S	L	R		S	L	R
Explosion/fire.	4	5	20	Only keep the minimum quantity of highly flammable liquids on site. They should be stored in a secure, fire resistant, well ventilated store. This must be adequately signed both as a deterrent but also to provide information on the liquids that are stored there. A no smoking area must be enforced. Highly flammable liquids must only be kept in suitable, labelled containers. Whenever highly flammable liquids are present, no means of ignition will be allowed, and the area will be kept clear of other combustible materials. Any substances, which can react with one another should be stored separately with adequate ventilation throughout.	4	1	4
Spillage.	3	3	9	Adequate bunds must be in place 110% of the capacity of the largest vessel to prevent leakage and allow the effective use of extinguishants. All spillages must be cleared as soon as they occur, see relevant COSHH assessment for specific measures needed when clearing spillages. Spill kits to be readily available.	4	1	4

Likelihood →	Likely	Probable	Possible	Unlikely	Very unlikely
↓ Severity	(5)	(4)	(3)	(2)	(1)
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	As necessary
Suitable gloves	Y
Respiratory equipment	As necessary
Safety harness	Y

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