

Operation/Activity: **Storage and use of flammable liquids.**

Site / Location:

Persons at Risk (tick appropriate boxes)

Employee	<input checked="" type="checkbox"/>	Pregnant Women	
Visitor		Disabled Persons	
General Public		Lone Workers	
Young Persons		Others	

GUIDE TO RATINGS:

RISK SEVERITY	RISK LIKELIHOOD	RISK RATING
1 Negligible	1 Unlikely	1 - 6 Low
2 Minor	2 Possible	7 - 14 Medium
3 Significant	3 Quite Possible	15 - 25 High
4 Major	4 Likely	
5 Catastrophic	5 Very Likely	

Overall Risk Rating = Low

Describe the hazards associated with the activity/operation.

		Summary of Assessment Overleaf				
		Risk Rating (Before Controls)	Likelihood (L)	Severity (S)	Risk (L x S)	Risk Rating
H1	Explosion if ignited which can result in damage to or destruction of property.	High	1	5	5	Low
H2	Injury to persons in the area which can include: <ul style="list-style-type: none"> Burns Asphyxiation These injuries can result in time off work and/or hospitalisation.	High	1	5	5	Low

Assessed By:	Date:
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Monitored By:	Date:
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Risk Assessment

Hazard	Risk Control Measures	Residual Risk		
		Likelihood	Severity	Risk
General	<p>Containers of all highly flammable liquids will be suitably identified and be marked with fire hazard warning signs.</p> <p>Ensure suitable fire-resistant construction and separation distances are implemented.</p> <p>Ensure compliance with building and fire regulations.</p> <p>Storage of highly flammable liquids will be kept in a securely locked cage or a well-ventilated secure building apart from other buildings, marked clearly with signs stating 'Highly Flammable Liquids'.</p> <p>Quantities of highly flammable liquids, less than 50 litres, may be stored in suitably marked metal lockable bins, which should be kept locked whilst unattended.</p>			
H1 Explosion	Vapours from flammable liquids should be allowed disperse by adequately ventilating the area.	1	5	5
	Naked flames or smoking must not be permitted in the vicinity of the store. Notices to that effect are displayed and a suitable fire extinguisher is located nearby.			
	Manufacturer's/supplier's safety data sheets, user information and instructions must always be followed when using or storing highly flammable liquids.			
	Warning notices should be displayed in any area/building where highly flammable liquids are being used and barriers erected if necessary to prevent unauthorised access.			
H2 Fire / Smoke	Majority of controls for explosion also reduce the potential for fire.	1	5	5
	The training of employees is regularly reviewed to ensure that safe handling techniques are adhered to at all times.			
	Spill kits and a fire extinguisher must be available in the storage area. Train staff in spill response procedures.			

Issue: 001
Date:
Review:

Risk Assessment



Personnel Informed of Risk Assessment Content, Received and Understood

Name	Signature	Date