Risk Assessment RA091 - Fire Risk Assessment - Gas Cylinders & Welding Equipment

ABI Equipment Ltd



Main Hazards are: Gas Cylinders on Forklift Trucks.	Fire Risk Assessment - Gas Cylinders & Welding								
Gas Cylinders used on forklift Trucks but stored in the cage outside of the building. Control Measures already in Place 1. This risk assessment should be read in conjunction with the Fire Risk Assessment RA090 2. No smoking policy throughout the site. This includes all forms of smoking including e-cigarettes. 3. Only cylinders actually in use should be stored in a cage outside the building. 4. All other cylinders should be stored in a cage outside the building. 5. Cage constructed outside the building to house both used and unused cylinders. 6. Gas welding equipment to be positioned well away from any electrical equipment, hot surfaces, open flames and sources of ignition. 9. Only cylinders to be turned off when not in use. 8. Forklift trucks to be turned off when not in use. 8. Forklift trucks to be turned off when not in use. 9. Only employees instructed in the safe handling and use of gases should use the welding equipment. Assessment of Risk: Severity 4 X Likelihood 3 Risk 12 PPER equired Safety holmets Safety helmets Hi-Vis Jackets Safety helmets Hi-Vis Jackets Safety hotheats Safety protoewar Eye protection Dust masks Ear plugs Earmuffs Gloves Protective overalls Gloves Protective overalls Gauntlets Gauntlets Harnesses Breathing apparatus Face masks Face masks Additional Controls required Monthly walk round the workshop to ensure gas cylinders are being used and stored correctly. The employee must be adequately trained and competent to work with gas cylinders and welding equipment. Newly trained staff should be supervised until a suitable level of competency has been achieved.	Equipment								
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Creation Date: 08/10/21

Risk Assessment RA091 - Fire Risk Assessment - Gas Cylinders & Welding Equipment



Approval and Review					
Prepared by:	Cathy Sheehan	08/10/2021			
Updated by	Ash Soliman	04/10/2024			
Review by:	Ash Soliman	04/10/2024			

RISK RATING			Hazard Severity (S)					
= L x S			1	2	3	4	5	
		Negligible	Slight	Moderate	High	Very High		
⊑	1	Very Unlikely	LOW	LOW	LOW	LOW	LOW	
kelit	2	Unlikely	LOW	LOW	LOW	MEDIUM	MEDIUM	
ood	3	Possible	LOW	LOW	MEDIUM	HIGH	HIGH	
Ē	4	Likely	LOW	MEDIUM	HIGH	HIGH	HIGH	
	5	Very Likely	LOW	MEDIUM	HIGH	HIGH	HIGH	

Like	Likelihood					
1.	Very Unlikely	A freak combination of factors would be required for an accident/incident to occur				
2.	Unlikely	A rare combination of factors would be required for an accident/incident to occur				
3.	Possible	Could happen when accidental factors are present but otherwise unlikely				
4.	Likely	Not certain to happen but an additional factor may result in an accident/incident				
5.	Very Likely	Almost inevitable that an accident/incident would occur				
Haz	ard Severity					
1.	Negligible	Negligible injury, no absence from work				
2.	Slight	Minor injury requiring first aid				
3.	Moderate	Injury leading to a lost time accident				
4.	High	Involving a single person with a serious injury / death				
5.	Very High	Multiple persons with serious injury / death				
Ou	tcomes					
LO	N	Score (1-6) May be acceptable. Annual Review to see if risks can be reduced further				
ME	DIUM	Score (8-10) Identify controls must be identified or specific method statement required				
HIG	SH	Score (12-25) Task <u>must not</u> proceed. Senior Management to consider if the risks can be reduced by purchase of additional training, additional equipment, additional staff, additional signage, safe system of work, permit to work or radical changes in method.				

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Prepared by	Cathy Sheehan
Reviewed by	Ash Soliman
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