

Risk Assessment

RA090 – Fire Risk Assessment



ABI Equipment Ltd	Creation Date: 08/10/21
Fire Risk Assessment	

Main Hazards are:	
Paint and Flammable Liquids stored in the building.	Hand tools, extension leads and other electrical equipment.
Oils and greases stored in the building.	Welding equipment.
Oil leaks & spills.	Forklift Trucks.
Gas Cylinders stored in the building.	Piling Rigs.
Wooden Pallets and Packaging stored in and outside the building.	Company vans and motor vehicles.
Used and unused hoses stored in and outside the building.	Paper stored in stationary cupboard along with computer equipment.
Cardboard packaging stored in and outside the building.	Rubbish bins and skips.
Kitchen equipment fire.	Welding.
Office Equipment / Computer equipment fire.	Electrical equipment used in store cupboard.
Arson.	Fire drill – personnel with no evacuation practice
Persons / Property affected	
All Employees	General Public
Subcontractors	Visitors
Customers	

Date of last Fire Drill	19/01/2023
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Assessment of Risk:	Severity	5	X	Likelihood	3	= Risk	15
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Control Measures already in Place	PPE Required
1. No smoking policy throughout the site. This includes all forms of smoking including e-cigarettes.	Safety helmets <input type="checkbox"/>
2. This risk assessment should be read in conjunction with the following other risk assessments:	Hi-Vis Jackets <input type="checkbox"/>
a. Gas cylinders – see RA091	Safety footwear <input checked="" type="checkbox"/>
b. Paints and other flammable liquids – see RA092	Eye protection <input type="checkbox"/>
c. Welding operations – see RA014	Dust masks <input type="checkbox"/>
d. Hot Works – see RA016	Ear plugs <input type="checkbox"/>
3. All electrical equipment to be PAT Tested as required.	Earmuffs <input type="checkbox"/>
4. Where practical all electrical equipment to be turned off when not in use and not to be left unattended.	Gloves <input type="checkbox"/>
5. All plant and equipment to be well maintained and regularly serviced.	Protective overalls <input checked="" type="checkbox"/>
6. The workshop and area around the building to be kept tidy and all rubbish disposed of in the skip provided. All unnecessary materials & equipment to be returned to stores or disposed of.	Gauntlets <input type="checkbox"/>
7. Packing materials (wood and cardboard) to be kept tidy and stored away from hot surfaces, sources of ignition.	Harnesses <input type="checkbox"/>
8. Hoses to kept tidy and away from hot surfaces and sources of ignition.	Breathing apparatus <input type="checkbox"/>
9. Stationary office to be kept tidy. Old files to be archived and placed on the yellow racking if over 4 years old.	Face masks <input type="checkbox"/>

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10. Bins and skips to be stored away from hot surfaces and sources of ignition. Waste that cannot be fitted into the skip should be kept away from hot surfaces and sources of ignition.	
11. All pedestrian areas and fire exits to be kept clear.	
12. Microwave oven not to be left unattended when in use.	
13. All visitors to the site to be escorted around the building.	
14. Keys to rigs, forklift trucks, gas cylinder cage, paint & oil store to be kept secure.	
15. All extension cables to be fully unwound before use.	
16. Hot Permit to Work to be used for Welding and cutting.	
17. All Hot works and welding operations must be finished 30 minutes before the end of the working day.	
18. All welding & hot work sites should be inspected 30 minutes after the work is completed to ensure there are no remaining fire hazards or sources of ignition.	

Assessment of Risk:	Severity	5	X	Likelihood	1	= Risk	5
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Additional Controls required	PPE/Equipment
All new personnel should be given a tour of the building to identify the fire exits, extinguishers, fire blankets and the outside assembly point.	Fire Warden equipped with specific fluorescent jacket
All personnel on site should be made aware of the fire drill procedures.	
All ABI employees should know the sound of the fire alarm and have undertaken part in a fire drill, at least every 12 months.	
Fire Alarm tested every week and serviced twice a year.	
Emergency lighting to be serviced twice a year.	
Fire extinguishers checked weekly for signs of use or tampering.	
Fire extinguishers to be after use, if damaged but all extinguishers must be serviced once a year.	
Fire Risk Assessment to be reviewed after every incident.	

Assessment of Risk:	Severity	4	X	Likelihood	1	= Risk	4
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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 = L x S			Hazard Severity (S)				
			1	2	3	4	5
Likelihood (L)	1	Very Unlikely	LOW	LOW	LOW	LOW	LOW
	2	Unlikely	LOW	LOW	LOW	MEDIUM	MEDIUM
	3	Possible	LOW	LOW	MEDIUM	HIGH	HIGH
	4	Likely	LOW	MEDIUM	HIGH	HIGH	HIGH
	5	Very Likely	LOW	MEDIUM	HIGH	HIGH	HIGH

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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
Hazard 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
Outcomes	
LOW	Score (1-6) May be acceptable. Annual Review to see if risks can be reduced further
MEDIUM	Score (8-10) Identify controls must be identified or specific method statement required
HIGH	Score (12-25) Task must not 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
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