

CONSTRUCTION RISK ASSESSMENTS

Project Title:		Risk Assess. No.:	08							
Task/Activity:	Fire Safety	Project No.:								
		Date Prepared:								
HAZARDS		Likelihood			Severity			Risk Score		
Ref.	Key hazards associated with the above task/activity.	Probable	Occasional	Remote	Catastrophic	Critical	Serious	Marginal	Negligible	Likelihood x Severity
	Score:	3	2	1	5	4	3	2	1	
1	Arson			X		X				4
2	Discarded cigarettes/matches		X			X				8
3	Hot works	X				X				12
4	Electrical short circuits/overloaded sockets			X			X			3
5	Contact with hot exhausts			X			X			3
6										
7										
8										
9										
10										
Risk Assessment Scores:		10+ High Risk			5-9 Medium Risk			1-4 Low Risk		

PERSONS AFFECTED					
Operatives	X	Members of Public	X	Site Visitors	X
Other Workers	X	Managers	X	Young Persons	X
Others					

PPE REQUIREMENTS					
Harness & Lanyard		Hi-Viz Clothing		Respiratory Protection	
Hearing Protection		Eye Protection		Head Protection	
Gloves		Boots			

ADDITIONAL CONTROL MEASURES	
Information/Instruction/Training	Managerial Controls
<ul style="list-style-type: none"> ➤ All persons to be trained in emergency fire procedures including what to do if the alarm is raised, how to raise the alarm and general evacuation procedures. ➤ All staff to be informed of the risks from fire and the precautions taken to control and reduce the risk of fire, including the safe storage of flammable 	<ul style="list-style-type: none"> ➤ Ensure adequate supervision is provided and that control measures remain valid for the duration of the work. ➤ Ensure a suitable and sufficient fire plan is established and that adequate means of escape are provided. ➤ Ensure a suitable means of raising the alarm is provided and that appropriate fire extinguishers are

ADDITIONAL CONTROL MEASURES

Information/Instruction/Training	Managerial Controls
<p>materials, site tidiness and the requirement for hot work permits.</p> <ul style="list-style-type: none"> ➤ Key operatives to be trained in the selection and use of fire extinguishers. 	<p>located around the site.</p> <ul style="list-style-type: none"> ➤ Ensure that adequate access is provided to all areas of the site for the fire and other emergency services. ➤ Ensure all electrical installations comply with BS7671.

Physical Controls	Procedural Controls
<ul style="list-style-type: none"> ➤ All hot works to be strictly controlled with a Hot Works Permit. ➤ No hot works to be undertaken within 1 hour of the site closing. ➤ Fire extinguishers to be provided whenever hot works are undertaken. 	<ul style="list-style-type: none"> ➤ Restrict smoking to designated areas. ➤ Do not allow waste to build up on site. ➤ Ensure all machinery and electrical equipment is inspected and regularly checked to avoid the risk of fire from faulty equipment.

HSE & Other Guidance	Comments
<ul style="list-style-type: none"> ➤ ➤ HSG168 Fire Safety in Construction Work. 	<ul style="list-style-type: none"> ➤

Residual Risk Rating

Considering the above control measures

LOW

Assessment Prepared by:

Name: Paul Daniels

Signature: *Paul Daniels*

Date: 01.08.2018

This risk assessment should be read in conjunction with all relevant method statements, safe systems of work and associated risk assessments as detailed on the Risk Assessment Briefing Record