

Site Fire Plan		Section	HEALTH AND SAFETY		
		Status	Proforma		
		Reference	KSC 23		
		Revision	1	Date:	Jan 2007
		Sheet No	Page 1 of 4		

FIRE SAFETY PLAN

Review details below to ensure appropriate for site and add site-specific details as required by fire risk assessment (see appendix) and details within tender H&S Plan.

CONTRACT: Insert details

CONTRACT NO.: Insert details

FIRE SAFETY CO-ORDINATOR:

Insert details

DEPUTY FIRE SAFETY CO-ORDINATOR:

Insert details

SCOPE OF WORKS: Insert details

Every year there are numerous major fires on construction sites and in buildings undergoing refurbishment and all have serious consequences. People are injured, buildings are destroyed, and plant and equipment are damaged. Work is held up and completion dates are not met. The majority of fires can be prevented by taking simple precautions and by adopting safe working practices.

1.0 GENERAL PRECAUTIONS

- 1.1 Site accommodation is facilitated by temporary cabins for site offices and welfare facilities. These will be maintained in a clean and proper manner.
- 1.2 Spaces underneath cabins are protected to prevent accumulation of rubbish.
- 1.3 A certificate of electrical inspection and testing should be in place upon completion of cabin installation and inspections will be made every 3 months thereafter.
- 1.4 All cabin heaters/coolers will be fixed above floor level and maintained in a safe condition.
- 1.5 Site security is in operation out of working hours to prevent unauthorised access to the site. The site works area is secured by a variety of continuous fencing.
- 1.6 Emergency Procedures will be posted in prominent locations in site offices and on site where appropriate.

2.0 FIRE PROTECTION

- 2.1 Location plan of extinguisher points will be displayed on site notice boards and appropriate locations around site.
- 2.2 Water, CO2 and Dry Powder extinguishers are available at appropriate locations as shown on the location plan and where specified on a "Hot Work Permit".

Site Fire Plan		Section	HEALTH AND SAFETY		
		Status	Proforma		
		Reference	KSC 23		
		Revision	1	Date:	Jan 2007
		Sheet No	Page 2 of 4		

3.0 **FIRE PRECAUTIONS**

3.1 **Fire Warning Devices**

Fire alarms and Smoke detectors will be checked weekly and results of tests recorded .

3.2 **Hot Work Permit**

Permits will be issued for all welding/burning/cutting/grinding operations. All oxygen and acetylene bottles will be fitted with flash back arrestors and stored upright in bottle trolleys.

Fire blankets will be used, where deemed necessary, to protect surrounding areas of flammable material. A fire extinguisher will be in attendance during any operation requiring a Hot Work Permit.

All areas of hot work will be examined 1 hour after work ceases.

3.3 **Smoking Policy**

Smoking is not allowed in the offices and areas around the site - designated areas will be provided for smokers. Smoking elsewhere is a dismissible offence.

3.4 **Fire Assembly Point**

These areas are clearly marked by "ASSEMBLY POINT" outside the Al Khodari site offices for persons inside the site cabins.

3.5 **Fire Exit Routes**

These are clearly marked by direction arrows and the "FIRE EXIT" signs within the site offices and out on site.

Fire Exits will never be locked and Fire Exit Routes will be kept clear at all times.

3.6 **Fire Brigade Access**

Access for the emergency services will be maintained at all times (3m wide and 4m high).

3.7 **Waste/Materials Control**

Gas bottles will be returned to storage areas when not in use. Properly stored LPG and Highly Flammable Liquids will be in agreed areas.

Waste materials will be removed to skips on a daily basis. All skips will be stored at least 6m away from buildings.

Site Fire Plan		Section	HEALTH AND SAFETY		
		Status	Proforma		
		Reference	KSC 23		
		Revision	1	Date:	Jan 2007
		Sheet No	Page 3 of 4		

3.8 Flammable Materials

All flammable materials will be stored in properly constructed tanks in bunded areas with nozzles securely locked off.

3.9 **IN THE EVENT OF FIRE - Contact the Emergency Services.**

4.0 **FIRE SAFETY CO-ORDINATORS RESPONSIBILITIES**

4.1 Ensure all procedures, precautionary measures and safety standards, as laid down in the Fire Safety Plan, are clearly understood and complied with by all on site.

Carry out weekly inspections of all fire fighting equipment, escape routes, fire department access and warning devices .

Maintain written records of all inspections, tests, patrols, and fire drill procedures making the appropriate comments.

Ensure that all staff, operatives, and visitors report to the designated assembly points in an emergency and during fire drills.

Ensure that the Hot Work Permit system is in place and is being complied with.

Promote a "Fire Safe" working environment at all times.

Al Khodari Construction Limited adopt the criteria of the Code of Practice for Fire Prevention on Construction Sites as Policy.

Site Fire Plan		Section	HEALTH AND SAFETY		
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		Reference	KSC 23		
		Revision	1	Date:	Jan 2007
		Sheet No	Page 4 of 4		

Fire Risk Assessment	
Contract:	Contract No:
Location:	Date:
Person carrying out risk assessment (Fire Co-ordinator):	
Position:	
Are there any combustible materials present? <i>Paperwork in office, furniture, rubbish in bins</i> <i>Fuel in near by stores, Diesel in generator</i> <i>Paint in near by store</i>	
What steps to reduce those combustible materials <i>i.e. provide adequate storage, house keeping etc.</i> <i>Promote tidy desks, good filing and house keeping policy</i> <i>Ensure bins in office are emptied daily and rubbish does not build up in skip</i> <i>Store all flammable materials in a separate secure location, see sketch for details</i>	
What are the potential sources of ignition? <i>Smoking</i> <i>Electrical goods</i> <i>Deliberate</i> <i>Hot Works</i>	
Steps to minimise ignition sources. <i>Designated smoking area is outside the side entrance to the offices</i> <i>All electrical goods must have an in date P.A. Test</i> <i>Security provided by, fencing, guards, cameras</i> <i>Highly flammable materials to be stored in a lockable container.</i> <i>Hot works permits to be used</i>	
What structural or positional features could promote the spread of fire? <i>Canteen is below office</i> <i>Long corridor through office</i> <i>Stores are next to office</i>	
Reduce the potential for rapid fire growth by; <i>Regularly inspect canteen and ensure combustibles and ignition sources are minimised</i> <i>Ensure all equipment is fit for use and has had an electrical test</i> <i>Introduce fire doors into corridor</i> <i>Move all highly flammable materials out of the store</i>	
Which people are at significant risk from fire? <i>Site Office Personnel</i> <i>Visitors</i> <i>Site Operatives and subcontractors</i>	