

## **1 FIRE SAFETY PLAN**

- 1.1 Ensure all construction personnel are fully familiar with the requirements of this section.

## **2 FIRE SAFETY BRIEFING**

- 2.1 Before any on-site work commences, the Project Manager will co-ordinate arrangements for the Design Builder to be briefed by the Owner regarding all aspects of campus fire safety.

## **3 REPORTING FIRES**

- 3.1 Ensure all personnel are aware of the location of the nearest fire alarm box and telephone. Ensure all personnel know the emergency phone number.
- 3.2 Report immediately all fire incidents to the Owner as follows:
  - 3.2.1 Activate nearest fire alarm box.
  - 3.2.2 Telephone.
  - 3.2.3 Person activating fire alarm box shall remain at the box to direct Fire Department to scene of fire.
- 3.3 When reporting a fire by telephone, provide: location of fire, name or number of building and verify the location.

## **4 INTERIOR AND EXTERIOR FIRE PROTECTION AND ALARM SYSTEMS**

- 4.1 Existing fire protection and alarm systems shall not be obstructed, shut-off, or left inactive at the end of a working day or shift without notification and written authorization from the Owner.
- 4.2 Do not use fire hydrants, standpipes and hose systems for other than fire fighting purposes without written authorization of the Owner.
- 4.3 Provide fire extinguishers necessary to protect the work in progress and the contractors physical plant on site.

## **5 BLOCKAGE OF ROADWAYS**

- 5.1 Advise the Owner of any work that would impede fire apparatus response. This includes violation of minimum overhead clearance, erecting of barricades and the digging of trenches.

## **5.2 SMOKING PRECAUTIONS**

- 5.3 Smoking is not permitted on construction site.

## **6 RUBBISH AND WASTE MATERIALS**

- 6.1 Keep rubbish and waste materials to a minimum. Removal all rubbish from the work site at the end of the work day or shift or more frequently as directed by Owner. Burning of rubbish is prohibited.
- 6.2 Remove from site, properly dispose of, items, materials resulting from alteration, renovation, excavation of existing construction and site work unless otherwise directed by Owner.
- 6.3 Do not store oily waste in work areas. Store greasy or oily rags or materials subject to spontaneous combustion in receptacle approved by Owner. Remove from site daily.

## **7 FLAMMABLE LIQUIDS**

- 7.1 Handle, store and use flammable or combustible liquids in accordance with the NFC.
- 7.2 Store flammable or combustible liquids such as gasoline, kerosene and naphtha in maximum quantity of 45 litres. Store in approved safety cans bearing ULC or FM seals. Obtain written approval from Owner for storage of flammable liquids over 45 litres.
- 7.3 Do not transfer flammable or combustible liquids within buildings. Do not transfer flammable or combustible liquids in the vicinity of open flames or any type of heat-producing devices.
- 7.4 Do not use flammable liquids having a flash point below 38 degrees C such as naphtha or gasoline as solvents or cleaning agents.
- 7.5 Store flammable or combustible waste liquids, for disposal, in approved containers located in a safe ventilated area.

## **8 HAZARDOUS SUBSTANCES**

- 8.1 Perform all work that requires the use of any toxic or hazardous materials, chemicals or explosives, or otherwise creates a hazard to life, safety or health, in accordance with the NFC.
- 8.2 Provide proper ventilation and eliminate all sources of ignition where flammable liquids, such as lacquers or urethanes are used.

## **9 FIRE INSPECTIONS**

- 9.1 Direct any questions or clarification on Fire Safety to the Owner Provide the Owner unrestricted access to the work site and co-operate with the Owner during routine inspections of the work site. Immediately remedy all unsafe fire situations observed by the Owner.