

1.3.35 Fire Fighting and Alarm Systems

- A. The Contractor shall design, provide install, test and commission a complete fire fighting and alarm system in accordance with the local and international civil defense rules and regulations, subject to the approval of the Civil Defense Department and to the satisfaction of the Department and the Engineer. Before start of works the Contractor shall furnish and submit detailed technical descriptions, material specifications and layout drawings for the entire systems. This documentation shall be accompanied by the written approval of the Civil Defense Department.

1.3.35.1 Fire Fighting System

- A. The fire fighting system shall consist of sufficient quantities and types of portable fire extinguishers with extinguishing agents suitable for that specific area to be protected. The fire extinguishers shall be wall mounted on original brackets. For highly hazardous areas wheel mounted fire extinguishers with a minimum extinguishing agent capacity of 30 kg, shall be provided.
- B. All fire extinguishers shall be of the same brand, the manufacturer must have an service agent located in Abu Dhabi.

1.3.35.2 Fire Extinguishers

- A. Subject to the approval of the UAE Civil Defence Department the following types shall be supplied and installed:

Table 1-9: Types of Fire Extinguisher

Type	Media	Capacity	Location	Quantity	Class
FE – 01	Water	10 l	Offices	1 each	A
			Corridors	1 / 10m	
			Lobby	2 each	
			Canteen	2 each	
			Stores	2 each	
FE – 02	CO ₂	5 kg	E- rooms	1 each	B,C