

3. Design, Installation, Inspection and Maintenance of Fire Extinguishers

3.1. Design/Specification and Submittals

- 3.1.1.** Design, Specifications and Submittals to Civil Defence for approval shall be main consultants responsibility. Consultant shall have competent and knowledgeable personnel to understand the Civil Defence requirements and codes and standards.
- 3.1.2.** Design submittals shall be complete with appropriate selection of fire extinguishers, location on layouts as per maximum travel distances and table of number of fire extinguishers, in compliance with this code.

3.2. Installation

- 3.2.1.** Installation of Fire Extinguishers shall be carried out only by Civil Defence approved and licensed contractors. General contractors, Civil contractors and MEP Contractors, fitout Contractors shall not be allowed to install Fire extinguishers, unless they are licensed.
- 3.2.2.** Fire extinguisher Installation contractor qualification and approval from Civil Defence is based on their training from respective system manufacturers, experience, understanding of codes and standards and workmanship.
- 3.2.3.** Fire extinguisher Installation contractors shall apply to Civil Defence and secure passing marks in Civil Defence examination to gain license and be qualified as “approved Fire extinguisher contractors”.
- 3.2.4.** Installation contractor shall not commence work on site without receiving Civil Defence stamped and approved drawings from the Consultant.
- 3.2.5.** It is contractors responsibility to adhere to consultant’s Civil Defence approved drawings and Manufacturer’s installation guidelines and specifications.

3.3. Inspection and Acceptance

- 3.3.1.** Inspection and acceptance shall be main consultant’s responsibility.
- 3.3.2.** Main consultant shall inspect contractor work during installations and ensure that fire extinguishers are charged, installed, inspected, commissioned and performing as per the Civil Defence approved drawings, manufacturer’s design and installation guidelines, acceptance criteria and their intended purpose.
- 3.3.3.** Consultant shall handover total number, types, location of fire extinguishers, inspection report and maintenance manuals to the owner.

3.4. Inspection and Maintenance

- 3.4.1.** The building owner, his appointed representative and the facility management shall be responsible to ensure that all the Fire Extinguishers in the facility are inspected regularly, maintained, charged and repaired to serve their intended purpose during fire accidents.