

7.0 FIRE PROTECTION REGULATIONS

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| <p>7.1 Provision of Fire Protection and Life Safety Facilities shall comply with the requirements of the latest version of UAE Fire and Life Safety Code of Practice and International standards like National Fire Protection Association, NFPA and shall be approved by the Service Authority Dubai Civil Defence based on fire risk assessment and (UAE) Government Safety Regulations.</p> <p>7.2 The building Life Safety design shall be in accordance to latest version of UAE Fire and Life Safety Code of Practice. Every building shall be provided with adequate means of egress, and other safeguards which shall be specified in kind, number, location and capacity, taking into consideration type of occupancy, number of persons exposed type of building materials and other relevant factors that may affect the safety of occupants.</p> <p>7.3 A minimum of two means of escape shall be provided in every building, and shall be arranged in such a way that shall minimize the eventuality of both being rendered impassable during the same emergency conditions. HVAC system shall be designed to ensure no smoke enters the escape route inclusive of the stairwell to facilitate ease in evacuation. All Air Handling Units shall be shutdown to prevent supply of fresh air to the fire hazard</p> <p>7.4 Every exit stair and other vertical opening between floors of a building shall be fire partitioned, enclosed and protected as necessary to prevent the spread of fire, fumes and smoke through the vertical openings from floor to floor, giving enough time for the occupants to reach the means of escape. All Security and Access Control doors shall be interfaced with fire alarm system to open in case of fire alarm.</p> <p>7.5 Every building shall be provided with fire detection alarm system to warn the occupants in the event of fire which shall be designed and installed in accordance to UAE Fire and Life Safety Code of Practice and to be approved by Dubai Civil Defence. The alarm system shall be adequately connected to the 24 x 7 Direct Alarm Monitoring System of Dubai Civil Defence and to the Dubai South City Integrated Intelligent Building Solution System through Dubai South WAN. The developer shall provide necessary gateway equipment and connectivity to the Dubai South WAN available with in the Building telecom room.</p> | <p>7.6 Every building shall have a central LPG Storage tank with a piping network connecting to every residential apartment and commercial outlets like restaurants/canteens, etc. shall be provided. Complete Design and Installation to comply with UAE Fire and Life Safety Code of Practice and to be approved by Civil Defence. The gas detection system shall also be installed.</p> <p>7.7 Portable fire extinguishers of appropriate type and numbers must be provided and conveniently located in every building in accordance with UAE Fire and Life Safety Code of Practice.</p> <p>7.8 For storage occupancy-fire protection and means of egress shall be provided as per their hazard contents classifications in compliance with UAE Fire and Life Safety Code of Practice.</p> <p>7.9 Every building shall be properly and fully fire protected by an approved fire protection system complying with UAE Fire and Life Safety Code of Practice taking into consideration the type of occupancy and usage and to be approved by Dubai Civil Defence. Main fire protection system components such as fire pumps, controller, sprinklers and accessories as applicable shall be U.L. listed for the intended use and Factory Mutual approved. The Pump controllers shall be adequately connected to the 24 x 7 Direct Alarm Monitoring System of Dubai Civil Defence.</p> <p>7.10 The elevators shall be interfaced with the fire alarm system to come to the home landing level and halt after opening the doors, allowing the passengers to escape. In case of fire alarm on the home landing level the elevator to go to the alternate level and come to a halt after allowing the passengers to escape. The elevator control panels shall be connected to the 24 x 7 Direct Alarm Monitoring System of Dubai Civil Defence.</p> |
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