

PLANNING OF FIRE FIGHTING SYSTEMS FOR RESIDENTIAL BUILDING

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Abstract

India is developing country; there is lot of scope in infrastructural development in India, day by day the metro cities of India are developing in horizontally and vertically, the load of migrant people is increasing day by day on metro cities of India, residential buildings are one of the important part of cities, due to lack of space the buildings are growing vertically. The metro city forms an integral and major constituent of human habitat. The steady urbanization processes gathering momentum all over our in Indian country for the past few decades, there has been enormous increase in the number of buildings of all classifications, including high-rise and special buildings, especially in the urban and surrounding areas. With the technological advances on all fronts, not only the factor of susceptibility, but the complexity of fires, explosions and the hazards which these buildings are exposed to have also increased many fold. These hazards have been active in causing heavy losses in lives and property throwing up new challenges to planners, architects and fire protection services in evolving better and improved methods of design and fire protection in order to mitigate such losses. This paper is deal with planning of fire fighting systems for an apartment building as per the norms of (national building code 2005, part-4)

Keywords : fire protections in buildings, fire safety in buildings.