CHAPTER 8
OTHER SYSTEMS

ROOT OBJECTIVES

The primary intentions of this chapter are encapsulated in the following statements:-

R8.1 Enable the safe escape of occupants from a building during a fire emergency by having adequate and appropriate

(i) lighting; and

(ii) means of identifying exit routes.

R8.2 Enable the continual use of fire fighting facilities by providing adequate and appropriate lighting for the duration of the fire emergency.

R8.3 Early warning to occupants of impending danger posed by a fire in the building.

R8.4 Enable effective fire–fighting by providing means of communication for fire-fighters in a building during a fire emergency.

SUB-OBJECTIVES

The following criteria define the conditions necessary to fulfil the intentions of this chapter:-

S8.1 Provisions for lighting at appropriate locations to enable occupants to have adequate visibility for safe evacuation, with considerations for:-

(i) the use of the building; and

(ii) the distance of travel to common escape routes

S8.2 Provisions for adequate and appropriate means to enable occupants to
(i) clearly identify exit locations; and

(ii) be guided to such exit locations during a fire emergency in the building.

S8.3 Provisions for adequate and appropriate means of relaying information and instructions to the occupants during a fire emergency in a building, with considerations for:-

(i) the use of the building; and

(ii) the occupant load of the building; and

(iii) the floor area of the building; and

(iv) the height of the building; and

(v) basement conditions; and

(vi) the characteristics of the occupants.

S8.4 Provisions for adequate and appropriate means of communication for fire-fighting and rescue operations in the building, with considerations for:-

(i) the use of the building; and

(ii) the occupant load of the building; and

(iii) the floor area of the building; and

(iv) the height of the building; and

(v) basement conditions.