

- 5.4.2.** However, hearing impaired people should be aware in advance which types of visual alarms are triggered in the building in response to what kind of emergencies. Fire emergencies in particular location might trigger visual alarms where as other areas may not trigger alarms but still need to evacuate. Alternative methods of notification need to be put into the emergency evacuation plans for people with hearing impairments so they can get all the information they need to evacuate in a timely manner.
- 5.4.3.** Where hearing impaired people work and live, manual alarms triggered by neighbors and colleagues to warn about non-fire emergencies such as earthquakes, storms, criminal invasion etc.
- 5.4.4.** In assembly areas, malls and roads, visual scrolling reader boards shall be installed to warn the hearing impaired people to notify the emergency situations.
- 5.4.5.** Once the hearing impaired people are warned effectively about the need to evacuate, the usage of standard exits and means of egress is natural for the hearing impaired to find safety of the exterior of building using standard floor plans and visual directional signage.
- 5.4.6.** Written or electronic copy of the evacuation procedures and evacuation floor plans will enable them for emergency evacuation.

## **5.5. Evacuation of Speech Impaired People**

- 5.5.1.** Speech Impaired people may not have difficulty in hearing, seeing or walking. These people may not be able to alert other abled people during emergencies. The standard building Fire Alarm, public address system and audio/visual notification signals will serve their purpose to alert speech impaired people and warn them of the emergency and need to vacate the building.
- 5.5.2.** Once the speech impaired people are warned in a standard method about the need to evacuate, the speech impaired people can follow the standard means of egress to safety without any assistance.
- 5.5.3.** Written or electronic copy of the evacuation procedures and evacuation floor plans will enable them for emergency evacuation.

## **5.6. Evacuation of Cognitive Impaired People**

- 5.6.1.** Cognitive impairments prevent a person from using or accessing building features due to an inability to process or understand the information necessary to use the features. Cognitive impairments are caused by a wide range of conditions, but all result in some decreased level of ability to process or understand information, communications or situations.
- 5.6.2.** Standard building features and notification systems are sufficient for cognitive impaired people. however, their ability to understand and process the information to take decisions needs evaluation and verification which needs to be established before hand and emergency procedures are to be in place for such people.