

Section 3.2. Functional Statements

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1) The objectives of this Code are achieved by measures, such as those described in the acceptable solutions in Division B, that are intended to allow the *building* or facility or its elements to perform the following functions (see Note A-3.2.1.1.(1)):

- F01 To minimize the risk of accidental ignition.
- F02 To limit the severity and effects of fire or explosions.
- F03 To retard the effects of fire on areas beyond its point of origin.
- F04 To retard failure or collapse due to the effects of fire.
- F05 To retard the effects of fire on emergency egress facilities.
- F06 To retard the effects of fire on facilities for notification, suppression and emergency response.
- F10 To facilitate the timely movement of persons to a safe place in an emergency.
- F11 To notify persons, in a timely manner, of the need to take action in an emergency.
- F12 To facilitate emergency response.
- F13 To notify emergency responders, in a timely manner, of the need to take action in an emergency.
- F20 To support and withstand expected loads and forces.
- F21 To limit or accommodate dimensional change.
- F22 To limit movement under expected loads and forces.
- F30 To minimize the risk of injury to persons as a result of tripping, slipping, falling, contact, drowning or collision.
- F31 To minimize the risk of injury to persons as a result of contact with hot surfaces or substances.
- F32 To minimize the risk of injury to persons as a result of contact with energized equipment.
- F34 To resist or discourage unwanted access or entry.
- F36 To minimize the risk that persons will be trapped in confined spaces.
- F40 To limit the level of contaminants.
- F43 To minimize the risk of release of hazardous substances.
- F44 To limit the spread of hazardous substances beyond their point of release.
- F51 To maintain appropriate air and surface temperatures.
- F52 To maintain appropriate relative humidity.
- F53 To maintain appropriate indoor/outdoor air pressure differences.
- F80 To resist deterioration resulting from expected service conditions.
- F81 To minimize the risk of malfunction, interference, damage, tampering, lack of use or misuse.
- F82 To minimize the risk of inadequate performance due to improper maintenance or lack of maintenance.