

Applicable Fire Regulations & Role of CMC Fire Service Department in Mitigating Fire Risk

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Regulatory Requirements in

Principal Stages of a Building

- a) **Planning** – type, size, use, appearance, access and location
- b) **Construction** – materials, methods, nature and extent of both structural and fire safety features
- c) **Use** - occupants' activities, provision of fire-fighting equipment and maintaining means of escape
- d) **Maintenance** – fire safety systems and equipment

e) Alterations and Extensions – changes in fire risk or fire safety provisions and fire safety arrangements

f) Change of Use – changes in fire risk or fire safety provisions

g) Demolition - fire safety arrangements during demolition

h) When empty – vulnerable to arson

Structural & Access Requirements

- 1. Protected Stairway**
- 2. Alternative Means of Escape**
- 3. Fire-fighting Shaft**
- 4. Copartmentation**
- 5. Fire Command Centre**
- 6. Refuge Floor & Holding Area**
- 7. Provision for External Access**

Height Category of Buildings

#	Height (Ground to Upper most floor level)	Category
01	Up to 18 m & Floor area less than 800 m ²	Low rise – Category 1
02	Up to 18 m & Floor area more than 800 m ²	Low rise – Category 2
03	18 m to 30 m	Medium rise
04	30 m to 60 m	High rise
05	60 m and above	Super high rise

Nature of Occupancy

- 1. Residential apartments**
- 2. Buildings other than residential apartments and car parks**
- 3. Car parks (other than purpose group 8b)**

Fire Safety Requirements for Buildings Under Construction

- a. Fire Service access
- b. Fire Fighting facilities
- c. Means of escape
- d. Fire detection and warning equipment
 - a. Action plan an event of fire
 - b. Fire drills
 - c. General site precautions



The Role of CMC Fire Service in Mitigating Fire Risk

□ Fire Prevention Section:

- Update Code of practice / Fire precautionary requirements
- Conduct fire safety inspections of high rise buildings & offensive trades.
- Conduct public awareness programmes in fire prevention.
- Investigation of fire incidents
- Retainer scheme for commercial premises

❑ Operation & Training Section:

- Conduct fire and evacuation drills in high rise buildings
- Conduct fire and rescue training programmes for staff of Government and private sector
- Conduct community awareness programmes.
- Conduct fire service familiarizing programmes for school children



Services to Community

#	Nature of Service	2018
1	Fire Calls	342
2	Rescue Calls	35
3	Emergency Calls	44
4	110 Ambulance Calls	27
5	Humanitarian / Special Services	169
6	V.I.P. Stand by Duties	429

Human Resource

#	Fire Stations	Fire Fighters	Officers
1	Headquarters - Maradana	103	31
2	Sub Station 01- Hettiyawatta	32	04
3	Sub Station 02 - Grandpass	41	04
4	Sub Station 03 - Wellawatta	27	05
5	Sub Station 04 – Pettah	17	03
6	Sub Station 05 - Madiwela	14	03
	Total	234	50



Fire Vehicles & Appliances

#	Type of Fire Vehicle / Appliance	No.
01	Fire Engine	22
02	Water Bowser	09
03	Rescue Vehicle	02
04	Arial Ladder Platform Vehicle	03
05	Turn Table Ladder Vehicle	02
06	Hazmat Vehicle	01
07	Rapid Intervention Vehicle	03
08	Ambulance	04
09	Pump Canter	03
10	Foam Tender	02
11	Command Control Vehicle	01
12	Double Cab – Pump Carrier	03
13	High Trans Water Pumping Vehicle	01
14	Mobile Workshop Vehicle	01



Questions