

**Fire Safety Audit Checklist**  
**Advisory**  
**for**  
**Hospitals / Nursing Homes**

*Issued by:*

**Directorate General**  
**Fire Services, Civil Defence & Home Guards**  
**Ministry of Home Affairs**  
**Government of India**

## A Fire Safety Audit and Inspection Checklist for Hospitals and Nursing Homes

**Purpose:** To assist State/UT Governments in conducting standardised fire safety audits and inspections of hospitals and nursing homes by ensuring compliance with the National Building Code (NBC) 2016, Ministry of Health & Family Welfare (MoHFW) guidelines, NDMA advisories, BIS standards, and state-specific building bylaws.

### Fire Safety Compliance Checklist

#### General Measures (Applicable to all categories)

SI No.	Checklist Item	Reference/Standard	Yes/No	Comments
1.	Name of the Hospital / Building	General Information		
2.	Height of the Hospital / Building	General Information		
3.	Occupancy Certificate Available	NBC, 2016 Part 2		
4.	Last Fire Safety Audit Conducted Date	NDMA Guidelines 2016		
5.	Type of Healthcare Facility Identified	As Medical Establishment Act/Rule		
6.	Portable fire extinguishers placed and maintained / serviced	IS 2190: 2024		
7.	Functioning of Automatic Sprinkler system	NBC 2016, Part-4, Table-7		
8.	Functioning of First Aid Hose Reel	NBC 2016, Part-4, IS 3844: 1989,		
9.	Functioning of Down-commers (only for Ground plus two or more storeys, with no beds)	NBC 2016, Part-4		

SI No.	Checklist Item	Reference/Standard	Yes/No	Comments
10.	Functioning of Wet Riser system (only for Ground plus two or more storeys, with beds)	NBC 2016, Part-4, IS 3844: 1989		
11.	A hose box is provided near each hydrant point on all floors containing two lengths of hose pipes and a branch / nozzle	IS 3844: 1989, IS13039: 2014		
12.	Availability of Water Supply and Pump requirement for firefighting and replenishment mechanism with maintenance record	NBC 2016, Part-4, Table-7		
13.	Refuge area provided for buildings >24	NBC Part 4/ Local building byelaws		
14.	Clearly marked and illuminated emergency exits	NBC 2106 Part 4, Para-4, Life Safety		
15.	Hospital shall have not less than two exits for every floor to be arranged such that: i. Every living unit has access to at least two separate exits, which are remote from each other and are reached by travel in different directions ii. Exit shall be available within a travel distance of 30 meters iii. The dead-end corridor length in exit access shall not exceed 6 m	NBC, 2106 Part 4, Para 4.4, Egress Component		
16.	Ramp facility available for the differently-abled and	NBC 2016 Part-4, Accessibility Norms		

SI No.	Checklist Item	Reference/Standard	Yes/No	Comments
	stretcher movement is accessible			
17.	Adequate ventilation in all utility areas like kitchen, laundry, generator room etc..	NBC Part 8, NBC 2016 Part-4, Para-4.6, Smoke control.		
18.	Access to terrace and water tank not obstructed	NBC 2016, Part-4		
19.	Hydrant/ Landing valves are well maintained & functional	NBC 2016, Part-4, IS 3844: 1989, IS13039: 2014		
20.	No obstruction in front of firefighting systems like hydrants points /extinguishers	NBC 2016, Part-4/ General Guidelines		
21.	Distance from nearest fire station (in km) & contact details displayed	Local Fire Authority		
22.	A minimum <b>(open) space/road</b> of 6 m, all around the hospital building to facilitate free movement of firefighting /rescue appliances in the event of emergency.	NBC 2016, Part 4		
23.	Encroachment-free hospital approach roads	ULB Bylaws		
24.	No traffic bottlenecks around the hospital entrance	Traffic Police/ULB		
25.	Adequate signage for emergency access routes	Traffic Police/ULB		
26.	Proper designated ambulance bays	MoHFW Guidelines		

SI No.	Checklist Item	Reference/Standard	Yes/No	Comments
27.	Identify condition of electrical distribution lines in vicinity (no loose / hanging wires/ no multiplugs, wiring through proper cable dressing / electrical conduits)	Electrical Inspectorate/ Power Distribution Authority		
28.	No overhead obstructions (tree branches, cables) along fire tender route	Local Authority		
29.	Service entries clearly separated from patient access zones	NBC, 2016, Part 4		
30.	Building approved architectural plans available on-site	Local Authority		
31.	Valid fire safety certificate displayed	Local Fire Authority		
32.	NoC under Explosives Rules for gas storage	PESO		
33.	Whether Hospital is provided with lightening protection	NBC 2016, Part-4, IS/ IEC 62305		
34.	AMC in place for fire systems	NBC 2016, Part-4/NDMA		
35.	Firefighting equipment/systems Maintenance logbooks updated	NBC 2016, Part-4/NDMA Guidelines		
36.	Periodic fire safety audit conducted and records available	MoHFW / NDMA		
37.	Record of past fire incidents and action taken	Internal Audit/Fire Service		

SI No.	Checklist Item	Reference/Standard	Yes/No	Comments
38.	Insurance coverage for fire and natural disaster	IRDAI/State Norms		
39.	Fire dampers in Centralised HVAC systems tested for functionality	NBC, 2016, Part-4, Para, 3.4.8, Air Conditioning, Ventilation and Smoke Control		
40.	Whether separate air handling units (AHU) for each floor is provided to avoid the hazards arising from spread of fire and smoke through the air conditioning ducts.	NBC, 2016, Part-4, Para, 3.4.8.2, Air handling unit		
41.	Emergency / back up power supply to Fireman's lifts (including all lifts) with reliable communication system	NBC, 2016, Part-4, 3.4.6.2 Emergency power for fire and life safety systems		
42.	No switchgear and transformer allowed in the building except dry type with proper fire safety provisions as per standard code of practice	NBC 2016, Part-4		
43.	Electric audit to verify input-output load balance of electrical power including DG sets, to ensure efficient and safe operation	NEC Guidelines		
44.	Fire Safety Monitoring System established with designated Fire Safety officer / Area-In-Charge, with periodic meeting and reporting channel to top management	General Guidelines		

SI No.	Checklist Item	Reference/Standard	Yes/No	Comments
45.	Assembly areas identified and marked	NDMA Guidelines		
46.	Agreement with nearby hospitals for patient evacuation	NDMA/MoHFW		
47.	Approved Emergency Evacuation (Fire Exit) Plan displayed on all floors, preferably near entry/exit landings			
48.	A dedicated <b>Fire Control Room</b> with reliable communication & PA system. Details of all floor plans along with details of firefighting equipment and installations shall be maintained in the fire control room.	General Guidelines		

<b>Category A: Hospitals/Nursing Homes (Less than 15 m in height with plot area up to 1000 m<sup>2</sup>)</b>				
<b>SI No.</b>	<b>Checklist Item</b>	<b>Reference/Standard</b>	<b>Yes/No</b>	<b>Comments</b>
1.	Name of the Hospital / Building	General Information		
2.	Height of the Hospital / Building	General Information		
3.	Portable fire extinguishers placed and maintained / serviced	IS 2190: 2024		
4.	Functioning of Automatic Sprinkler system	NBC 2016, Part-4, Table-7		
5.	Functioning of First Aid Hose Reel	NBC 2016, Part-4, IS 884:1985		
6.	Functioning of Down-commers (only for Ground plus two or more storeys, with no beds)	NBC 2016, Part-4		
7.	Functioning of Wet Riser system (only for Ground plus two or more storeys, with beds)	NBC 2016, Part-4, IS 3844: 1989		
8.	A hose box is provided near each hydrant point on all floors containing two lengths of hose pipes and a branch / nozzle	IS 3844: 1989, IS13039: 2014		
9.	Functioning of Water Supply, replenishment mechanism and Pump requirement for firefighting with maintenance record	NBC 2016, Part-4, Table-7		
10.	Electrical wiring in good condition (no loose / hanging wires/ no multiplugs, wiring through proper cable dressing / electrical conduits) preferably through electric audits	BIS IS:732: 2019/ General Guidelines		
11.	Marked emergency exit	NBC 2016, Part 4 / Local requirement		

<b>Category A: Hospitals/Nursing Homes (Less than 15 m in height with plot area up to 1000 m<sup>2</sup>)</b>				
<b>SI No.</b>	<b>Checklist Item</b>	<b>Reference/Standard</b>	<b>Yes/No</b>	<b>Comments</b>
12.	No use of flammable partitions or curtains	NBC 2016, Part-4/State Bylaws		
13.	Safe storage of oxygen cylinders (if used)	PESO/MoHFW		
14.	Hospital shall have not less than two exits for every floor to be arranged such that: i. Every living unit has access to at least two separate exits, which are remote from each other and are reached by travel in different directions ii. Exit shall be available within a travel distance of 30 meters ii. The dead end corridor length in exit access shall not exceed 6 m	NBC 2016, Part 4, para 4.4, Egress Components		
15.	Exits shall be well illuminated with Exit signage with local language	NDMA/MoHFW		
16.	Periodic fire safety awareness training to officers & staff	NDMA		
17.	Well maintained Public Address System	General Guidelines		
18.	Fire safety preparedness & Emergency evacuation Mock Drill & Fire safety monitoring system established	NDMA		
19.	Whether Hospital is provided with lightening protection	NBC 2016, Part-4, IS/ IEC 62305		
20.	Periodic Fire Safety Audit / Review	MoHFW / NDMA Guidelines / Local by laws		
21.	Assembly areas identified and marked	NDMA Guidelines		

<b>Category A: Hospitals/Nursing Homes (Less than 15 m in height with plot area up to 1000 m2)</b>				
<b>SI No.</b>	<b>Checklist Item</b>	<b>Reference/Standard</b>	<b>Yes/No</b>	<b>Comments</b>
22.	Fire Safety Monitoring System with reliable communication & PA system in the hospital with designated Fire Safety Officer and established reporting channel to the top management.	General Guidelines		
23.	Agreement with nearby hospitals for patient evacuation	NDMA/MoHFW		

<b>Category B: Hospitals/Nursing Homes (Less than 15 m in height with plot area more than 1000 m<sup>2</sup>)</b>				
<b>Sl No.</b>	<b>Checklist Item</b>	<b>Reference/Standard</b>	<b>Yes/No</b>	<b>Comments</b>
1.	Name of the Hospital / Building	General Information		
2.	Height of the Hospital / Building	General Information		
3.	Portable fire extinguishers placed and maintained / serviced	IS 2190: 2024		
4.	Functioning of First Aid Hose Reel	NBC 2016, Part-4, IS 884: 1985		
5.	Functioning of Wet Riser system	NBC 2016, Part-4		
6.	Functioning of Yard Hydrant System	NBC 2016, Part-4, IS13039: 2014		
7.	A hose box is provided near each hydrant point on all floors containing two lengths of hose pipes and a branch / nozzle	IS 3844: 1989, IS 13039: 2014		
8.	Functioning of Automatic Sprinkler system	NBC 2016, Part-4		
9.	Functioning of Manual Call Points (MCPs)	NBC 2016, Part-4 / General Guidelines		
10.	Well-maintained Public-Address System	General Guidelines		
11.	Functioning of Automatic Detection and Alarm System	NBC 2016, Part-4		
12.	Availability of Water Supply, replenishment mechanism and Pump requirement for firefighting with maintenance record	NBC 2016, Part-4, Table-7		
13.	Hospital shall have not less than two exits for every floor to be arranged such that:	NBC 2016, Part 4, para 4.4, Egress Components		

Category B: Hospitals/Nursing Homes (Less than 15 m in height with plot area more than 1000 m <sup>2</sup> )				
Sl No.	Checklist Item	Reference/Standard	Yes/No	Comments
	i. Every living unit has access to at least two separate exits, which are remote from each other and are reached by travel in different directions ii. Exit shall be available within a travel distance of 30 meters ii. The dead end corridor length in exit access shall not exceed 6 m			
14.	Exits shall be well illuminated with Exit signage with local language	NDMA / MoHFW		
15.	Electrical wiring in good condition (no loose / hanging wires/ no multiplugs, wiring through proper cable dressing / electrical conduits), preferably through electrical audit	BIS IS:732: 2019 / General Guidelines		
16.	No use of flammable partitions or curtains	NBC 2016, Part-4 / State Bylaws		
17.	Safe storage of oxygen cylinders (if used)	PESO/MoHFW		
18.	Gas storage area as per PESO norms	PESO		
19.	Periodic fire safety awareness training to officers / staff	NDMA		
20.	Approved Fire Exit Plan displayed	NDMA Guidelines		
21.	Compartmentation/ Isolation of Electrical panel from other area of hospital	NBC 2016, Part-4/BIS		

<b>Category B: Hospitals/Nursing Homes (Less than 15 m in height with plot area more than 1000 m2)</b>				
<b>Sl No.</b>	<b>Checklist Item</b>	<b>Reference/Standard</b>	<b>Yes/No</b>	<b>Comments</b>
22.	Fire safety preparedness & Emergency evacuation Mock Drill	NDMA		
23.	Fire dampers in Centralised HVAC systems operational / functional	NBC, 2016, Part-4, Para, 3.4.8, Air Conditioning, Ventilation and Smoke Control		
24.	Valid Fire Safety Certificate displayed	Local Fire Dept.		
25.	Periodic Fire Safety Audit / Review	MoHFW / NDMA Guidelines / Local by laws		
26.	Fire Safety Monitoring System with reliable communication & PA system in the hospital with designated Fire Safety Officer and established reporting channel to the top management.	General Guidelines		
27.	Whether Hospital is provided with lightening protection	NBC 2016, Part-4, IS/ IEC 62305		
28.	Assembly areas identified and marked	NDMA Guidelines		
29.	Agreement with nearby hospitals for patient evacuation	NDMA/MoHFW		
30.	No switchgear and transformer allowed in the building except dry type with proper fire safety provisions as per standard code of practice	NBC 2016, Part-4		
31.	Electric audit to verify input-output load balance of electrical power including DG sets, to	NEC Guidelines		

<b>Category B: Hospitals/Nursing Homes (Less than 15 m in height with plot area more than 1000 m2)</b>				
<b>SI No.</b>	<b>Checklist Item</b>	<b>Reference/Standard</b>	<b>Yes/No</b>	<b>Comments</b>
	ensure efficient and safe operation			

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<b>Category C: Hospitals/Nursing Homes (15 m and above but not exceeding 24 m in height)</b>				
<b>Sl No.</b>	<b>Checklist Item</b>	<b>Reference/Standard</b>	<b>Yes/No</b>	<b>Comments</b>
1.	Name of the Hospital / Building	General Information		
2.	Height of the Hospital / Building	General Information		
3.	Portable fire extinguishers placed and maintained / serviced	IS 2190: 2024		
4.	Functioning of First Aid Hose Reel	NBC 2016, Part-4		
5.	Functioning of Wet Riser System	NBC 2016, Part-4		
6.	Functioning of Yard Hydrant system	NBC 2016, Part-4		
7.	A hose box is provided near each hydrant point on all floors containing two lengths of hose pipes and a branch / nozzle	IS 3844: 1989, IS13039: 2014		
8.	Functioning of Automatic Sprinkler system	NBC 2016, Part-4		
9.	Functioning of Manual call point with Public Address system	NBC 2016, Part-4 / General Guidelines		
10.	Functioning of Automatic Detection and Alarm System	NBC 2016, Part-4		
11.	Availability Water Supply, replenishment mechanism and Pump requirement for fire fighting with maintenance record	NBC 2016, Part-4, Table-7		
12.	Hospital shall have not less than two exits for every floor to be arranged such that: i. Every living unit has access to at least two separate exits,	NBC 2016, Part 4, para 4.4, Egress Components		

Category C: Hospitals/Nursing Homes (15 m and above but not exceeding 24 m in height)				
Sl No.	Checklist Item	Reference/Standard	Yes/No	Comments
	<p>which are remote from each other and are reached by travel in different directions</p> <p>ii. Exit shall be available within a travel distance of 30 meters</p> <p>ii. The dead-end corridor length in exit access shall not exceed 6 m</p>			
13.	Exits shall be well illuminated with Exit signage with local language	NDMA / MoHFW		
14.	Electrical wiring in good condition (no loose / hanging wires/ no multiplugs, wiring through proper cable dressing / electrical conduits)	Visual Inspection / BIS IS:732: 2019		
15.	No use of flammable partitions or curtains	NBC 2016, Part-4/State Bylaws		
16.	Safe storage of oxygen cylinders (if used)	PESO/MoHFW		
17.	Gas storage area as per PESO norms	PESO		
18.	Periodic fire safety awareness training to officers / staff	NDMA		
19.	Approved Emergency Evacuation (Fire Exit) Plan displayed on all floors, preferably near entry/exit landings	NDMA Guidelines		
20.	Emergency / back up power supply to Fireman's lifts (including all lifts) with reliable communication system	NBC, 2016, Part-4, 3.4.6.2 Emergency power for fire and life safety systems		

<b>Category C: Hospitals/Nursing Homes (15 m and above but not exceeding 24 m in height)</b>				
<b>Sl No.</b>	<b>Checklist Item</b>	<b>Reference/Standard</b>	<b>Yes/No</b>	<b>Comments</b>
21.	Compartmentation/ Isolation of Electrical panel from other area of hospital	NBC 2016, Part-4		
22.	Fire safety preparedness & Emergency evacuation Mock Drill	NDMA Guidelines-2016		
23.	Valid Fire Safety Certificate displayed	Local Fire Dept.		
24.	Emergency lighting and signage functional	NBC 2016, Part-4		
25.	Designated fire evacuation coordinator	NDMA Guidelines-2016		
26.	Fire exit signage illuminated and unobstructed	NBC 2016, Part-4		
27.	Fire compartmentation	NBC 2016, Part-4		
28.	Fire dampers in Centralised HVAC systems functional	NBC, 2016, Part-4, Para, 3.4.8, Air Conditioning, Ventilation and Smoke Control		
29.	Whether separate air handling units (AHU) for each floor is provided to avoid the hazards arising from spread of fire and smoke through the air conditioning ducts.	NBC, 2016, Part-4, Para, 3.4.8.2, Air handling unit		
30.	Whether Hospital is provided with lightning protection	NBC 2016, Part-4, IS/IEC 62305		
31.	All Fire fire-fighting system tested and documented	General Guidelines		

Category C: Hospitals/Nursing Homes (15 m and above but not exceeding 24 m in height)				
SI No.	Checklist Item	Reference/Standard	Yes/No	Comments
32.	Periodic Fire Safety Audit / Review	MoHFW / NDMA Guidelines / Local by laws		
33.	Fire Safety Monitoring System established with Designated Fire Safety Area-In-Charge periodic meeting and reporting channel to top management	General Guidelines		
34.	Agreement with nearby hospitals for patient evacuation	NDMA/MoHFW		
35.	A dedicated <b>Fire Control Room</b> with reliable communication system. Details of all floor plans along with details of firefighting equipment and installations shall be maintained in the fire control room.	General Guidelines		
36.	No switchgear and transformer allowed in the building except dry type with proper fire safety provisions as per standard code of practice	NBC 2016, Part-4		
37.	Electric audit to verify input-output load balance of electrical power including DG sets, to ensure efficient and safe operation	NEC Guidelines		



Category D: Hospitals (Above 24 m and not exceeding 45 m in height)				
Sl. No.	Checklist Item	Reference/Standard	Yes/No	Comments
1.	Name of the Hospital / Building	General Information		
2.	Height of the Hospital / Building	General Information		
3.	Portable fire extinguishers placed and maintained / serviced	IS 2190: 2024		
4.	Functioning of First Aid Hose Reel	NBC 2016, Part-4, IS 884: 1985		
5.	Functioning of Wet Riser System	NBC 2016, Part-4, IS 3844: 1989		
6.	Functioning of Yard Hydrant system	NBC 2016, Part-4, IS 13039: 2014		
7.	A hose box is provided near each hydrant point on all floors containing two lengths of hose pipes and a branch / nozzle	IS 3844: 1989, IS13039: 2014		
8.	Functioning of Automatic Sprinkler system	NBC 2016, Part-4		
9.	Functioning of Manual call point with Public Address system	NBC 2016, Part-4 / General Guidelines		
10.	Functioning of Automatic Detection and Alarm System	NBC 2016, Part-4		
11.	Availability of Water Supply , replenishing mechanism and Pump requirement for fire fighting with maintenance record	NBC 2016, Part-4, Table-7		

12.	Hospital shall have not less than two exits for every floor to be arranged such that: i. Every living unit has access to at least two separate exits, which are remote from each other and are reached by travel in different directions ii. Exit shall be available within a travel distance of 30 meters iii. The dead-end corridor length in exit access shall not exceed 6 m	NBC 2016, Part 4, para 4.4, Egress Components		
13.	Exits shall be well illuminated with Exit signage with local language	NDMA / MoHFW		
14.	A minimum <b>(open) space/ road</b> of 6 m, all around the hospital building to facilitate free movement of fire fighting/rescue appliances in the event of emergency.	NBC 2016, Part 4		
15.	Electrical wiring in good condition (no loose / hanging wires/ no multiplugs, wiring through proper cable dressing / electrical conduits), preferably through electric audit	Visual/BIS IS:732:2019		
16.	No use of flammable partitions or curtains	NBC 2016, Part-4/State Bylaws		
17.	Safe storage of oxygen cylinders (if used)	PESO/MoHFW		
18.	Gas storage area as per PESO norms	PESO		
19.	Periodic fire safety awareness training to officers / staff & recorded	NDMA		

20.	Approved Emergency Evacuation (Fire Exit) Plan displayed on all floors, preferably near entry/exit landings	NDMA Guidelines		
21.	Compartmentation/ Isolation of Electrical panel from other area of hospital	NBC 2016, Part-4		
22.	Fire safety preparedness & Emergency evacuation Mock Drill	NDMA Guidelines-2016		
23.	Valid Fire Safety Certificate displayed	Local Fire Dept.		
24.	Emergency lighting and signage functional	NBC 2016, Part-4		
25.	Fire exit signage illuminated and unobstructed	NBC 2016, Part-4		
26.	Fire dampers in Centralised HVAC systems tested for functionality	NBC, 2016, Part-4, Para, 3.4.8, Air Conditioning, Ventilation and Smoke Control		
27.	Whether separate air handling units (AHU) for each floor is provided to avoid the hazards arising from spread of fire and smoke through the air conditioning ducts.	NBC, 2016, Part-4, Para, 3.4.8.2, Air handling unit		
28.	All Fire fire-fighting system tested and documented	General Guidelines		
29.	Periodic Fire Safety Audit / Review	MoHFW / NDMA Guidelines / Local by laws		
30.	Fire dampers in HVAC systems functional	NBC 2016, PART-4/IS		
31.	Fire Command Center operational 24x7	NBC 2016, PART-4 Part 4		

32.	Public Address System with zoning and emergency override	NBC 2016, PART-4 Part 4		
33.	Emergency Evacuation Plan and Triage Protocol	NDMA Guidelines		
34.	Assembly areas identified and marked	NDMA Guidelines		
35.	Emergency Response Team formed	NDMA Guidelines		
36.	Staff trained in use of extinguishers and evacuation	NDMA Guidelines		
37.	Evacuation kits available in ICUs and critical units	NDMA/MoHFW		
38.	Emergency lighting functional in corridors/staircases	NBC 2016, Part-4		
39.	Agreement with nearby hospitals for patient evacuation	NDMA/MoHFW		
40.	Fixed oxygen leak detection with alarm	PESO/CPWD		
41.	Vertical evacuation drills conducted	NDMA Guidelines		
42.	A minimum <b>(open) space/ road</b> of 6 m, all around the hospital building to facilitate free movement of fire fighting/rescue appliances in the event of emergency.	NBC, 2016 Part 4		
43.	Electrical panel with fire separation	NBC 2016, Part-4/BIS		
44.	Compartmentation of Combustible material- hospitals shall ensure all combustible and inflammable materials are Compartmented / Isolated from sources of fire / ignition and appropriate fire safety measures are in place.	NBC 2016, Part-4		

45.	Refuge area provided for buildings	NBC Part 4/ Local building byelaws		
46.	Separate panel for fire pump and emergency lighting with back-up power supply	NBC Part 4		
47.	No floating wiring or overloaded sockets	Visual Inspection		
48.	Thermographic / Electric audits conducted	NDMA Guidelines		
49.	Logbook for electrical safety maintained	NDMA Guidelines		
50.	Capacity of transformer compatible to the electrical load	CEA Standards		
51.	Earthing and lightning protection systems functional	IS 3043 :2018		
52.	DG sets installed as per CEA norms	CEA/IS		
53.	Distribution wiring concealed and labelled	Visual/IS		
54.	Oxygen shut-off valves labelled and accessible	MoHFW Guidelines		
55.	AHU provides >10 air changes/hour in ICU	CPWD/MoHFW		
56.	Fixed oxygen leak detection systems	PESO		
57.	Storage of gas cylinders in a fire-compliant gas bank	Explosives Rules/PESO		
58.	Cylinder trolleys and valves fire-rated	PESO		
59.	Emergency / back up power supply to Fireman's lifts (including all lifts) with reliable communication system	NBC, 2016, Part-4, 3.4.6.2 Emergency power for fire and life safety systems		

60.	Whether Hospital is provided with lightening protection	NBC 2016, Part-4, IS/IEC 62305		
61.	Fire Safety Monitoring System established with Designated Fire Safety Area-In-Charge periodic meeting and reporting channel to top management	General Guidelines		
62.	No switchgear and transformer allowed in the building except dry type with proper fire safety provisions as per standard code of practice	NBC 2016, Part-4		
63.	Electric audit to verify input-output load balance of electrical power including DG sets, to ensure efficient and safe operation	NEC Guidelines		
64.	A dedicated Fire <b>Control Room</b> with reliable communication system. Details of all floor plans along with details of firefighting equipment and installations shall be maintained in the fire control room.	General Guidelines		

## References

- NBC 2016 Part 4: Fire & Life Safety
- BIS IS Standards: IS 2189: 2008, IS 2190: 2024, IS:732: 2019, IS 3043 :2018, IS 3844: 1989. IS 3844: 1989, IS13039: 2014, IS 884: 1985, IS/ IEC 62305
- NDMA Guidelines on Hospital Fire Safety (2016)
- MoHFW Circular on Fire Safety Audits (3<sup>rd</sup> Jan 2020)
- CPWD Fire Safety Manual for Hospitals
- Model Building Bye-Laws 2016
- CEA and PESO Notifications on Electrical and Gas Installations
- National Electricity Code (NEC) Guidelines

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**Note:** The subject advisory is issued for the facilitation of the State/UT Fire Services as a general guideline and not limited to the existing practice in vogue in the States/UTs. The State/UT Fire Services may continue with their existing practices, in addition to considering these guidelines as advisory inputs

**Issued by:** Directorate General Fire Services, Civil Defence & Home Guards, Ministry of Home Affairs, Government of India