

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110 001

No.

F6/dfs/ms/Hospital/2017/52/552

Dated: 18/4/17

**FIRE SAFETY CERTIFICATE**

Certified that **M/s Superspeciality cum paid ward Block Located at Safdarjung Hospital Complex, Ring Road, New Delhi-110029**, comprised of three tier basements, ground plus eight upper floors, owned/occupied by Safdarjung Hospital, Govt of India, have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officer concerned of this department on dated 12.04.17 in the presence of Sh. Dharamvir Vashistt, and that the building is fit for **Occupancy Group "C" Institutional Building (Hospital)** with effect from **(18.4)** 2017 for a period of **three years** in accordance with rule 36 unless renewed under rule 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions under rule 38 of the Delhi Fire Service Rules, 2010, subject to condition as mentioned below.

**Conditions for the validity of fire safety certificate**

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. Any deviation with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in).
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate in form J, six month prior to its expiry.

Issued on **18.4** 2017 at New Delhi by

**(Vipin Kental)**  
Chief Fire Officer  
T.No.011-23412225

Copy To:- 1. Dr. Neeraj Kr. Gupta, Estate & Nodal Officer, SJH & VMMC.  
2. Chief Architect, NDMC, Palika Kendra, New Delhi.

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**INSPECTION REPORT**

1	Name & address of the building	M/s Superspeciality cum paid ward Block Located at Safdarjung Hospital Complex, Ring Road, New Delhi-110029.		
2	Building comprised of	Three tier basements, Ground plus Eight upper floors		
3	Type of Occupancy	Institutional Building (Hospital).		
4	Type of case	New Case.		
5	Details of previous NOC	Nil.		
6	Fire safety directives letter No	F6/DFS/MS/BP/2013/311, dated 10.10.2013.		
7	Date of inspection	12.04.2017.		
8	Name of the inspecting Officers	ADO Vedpal		
9	Name and designation of officer from the building side	Sh. Dharamvir Vashistt.		
10	Year of construction	2016		
11	Applicant's letter No.	3-29/Redev/Phase-I/Imp./Part-II/Est-16, Dated 06.04.2017		

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	Requirement as per NBC/UBBL	Provided at site	Remarks MR / NMR
1	<b>Access to building</b>			
	1) Road width	12m	12m	MR
	2) Gate width	6m	6m	MR
	3) Width of internal road	6m	6m	MR
2	<b>Number, width Type &amp; arrangement of exits</b>			
	<b>a. Number of staircases</b>			
	1. Upper floors	GF to 3rd F=09nos.+1ramp 3rdF to Terrace F=07nos.+1ramp	GF to 3rdF=09nos.+1ramp 3rd to Terrace F=07nos.+1ramp	MR
	2. Basements	10nos.+ 03 ramps	10nos.+ 03ramps.	MR
	<b>b. Width of staircase</b>			
	1. Upper floors	02m(each)+3m(ramp)	02m(each)+3m(ramp)	MR
	2. basements	02m(each) +3ramps=3,5 & 5m	02m(each)+3ramps=3,5 & 5m	MR
	<b>c. Protection of exits</b>			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	MR
	<b>d. No. of continuous staircase to terrace</b>	07nos.	07nos.	MR
	e. Width of corridor	2.4m	2.4m Provided	MR
	f. Door size	2m/1.25m/1m	2m, 1.25m & 1m	MR
3	<b>Compartmentation.</b>			
	1. Fire check door	Required	Provided	MR
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	Required	Provided	MR
	4. water curtain	Required	Provided	MR
	5. Fire dampers	Required	Provided	MR
4	<b>Smoke Management system.</b>			
	Basement	30 a/c per hour	Mech. Ventilation System Provided in BF & U Floors	MR
	Upper floors	12 a/c per hour		MR
5	<b>Fire Extinguishers</b>			
	total numbers		230Nos.	MR
	Types	220Nos.	ABC, CO2 & WCO2	MR
	ISI marking	ABC, CO2 & WCO2 ISI	ISI Mark	MR
6	<b>First-Aid Hose Reels.</b>			
	Total numbers on each floor	B Floors=10Nos. & UF=07Nos.	BFloors=10nos & UF= 7Nos.(each)	MR
	Length of Hose reel hose	30 Mtr	30 Mtr Provided	MR
	Nozzle Diameter	5mm	5 MM Provided	MR



<b>7</b>	<b>Automatic fire detection and alarming system</b>			
	Type of detectors	Smoke & Heat	Smoke & Heat	MR
	location of Main Panel	Required	Ground Floor	MR
	location of Repeater panel	Required	Security Room	MR
	Alternate source of power	Required	Provided	MR
	hooter's location	Required	All Areas	MR
<b>8</b>	<b>MOEFA</b>	Required	Provided	MR
<b>9</b>	<b>Public Address System.</b>	Required	Provided	MR
<b>10</b>	<b>Automatic Sprinkler System.</b>			
	basement	Required	Provided	MR
	upper floors	Required	Provided	MR
	sprinkler above false ceiling	Required	Provided	MR
<b>11</b>	<b>Internal Hydrants</b>			
	Size of riser/down-corner	150 mm	150mm Provided	MR
	Number of Hydrants per floor	B Floors=10Nos. & UF=07Nos.	B Floors=10Nos. & UF=07Nos.	MR
	hose Box	Required	Provided	MR
<b>12</b>	<b>Yard Hydrants.</b>			
	total number of hydrants	13Nos	13Nos. Provided	MR
	house box	13Nos.	13Nos. Provided	MR
<b>13</b>	<b>Pumping arrangements</b>	(Hyd Pump=1, Sprnkl Pump=1, DD Driven=1 & Water Curtain Pump=1no.)		
	<b>1. Ground level</b>			
	a. Discharge of main Pump	2850 LPM	2850+4500LPM	MR
	b. Head of main pump	85m	85m (02nos)+40m	MR
	c. Number of main pumps	02nos.+1no.	02nos.+1no.	MR
	d. jockey pump out put	280 LPM	280 LPM (each)=2nos.	MR
	e. jockey pump head	85m(each)	85 Mtr (each)	MR
	f. Standby Pump output	2850 LPM	2850 LPM Provided	MR
	g. Stanby Pump head	85m	85 Mtr Provided	MR
	h. Auto Starting/Manual stopping	Required	Provided	MR
	pump house access	Required	Provided	MR
	<b>2. Terrace level</b>			
	a. Discharge of pump	N/A	N/A	N/A
	b. head of the pump	N/A	N/A	N/A
	c. Power supply	N/A	N/A	N/A
	d. Auto starting of pump	N/A	N/A	N/A
<b>14</b>	<b>Captive water storage for fire fighting</b>			
	1. Underground tank capacity	2,00,000 ltr	2,00,000 Ltr Provided	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	Required	Provided	MR
	c. Access to tank	Required	Provided	MR
	d. Over head tank Capacity	20,000+20000 ltr	20,000+20000 ltr Provided	MR
<b>15</b>	<b>Exit Signage.</b>	Required	Provided	MR
<b>16</b>	<b>Provision of lifts.</b>			
	a. Pressurization of lift shaft	Required	Provided	MR
	b. Pressurization of lift lobby	Required	Provided	MR
	c. Communication in lift car	Required	Provided	MR
	d. Fireman's grounding switch	Required	Provided	MR
	e. Lift signage	Required	Provided	MR
<b>17</b>	<b>Standby power supply</b>	Required	Provided	MR
<b>18</b>	<b>Refuge Area.</b>			
	total area	450 Sqr. Meters	450 Sqr. Meters	MR
	location	6th Floor	6th Floor	MR
<b>19</b>	<b>Fire control room</b>			
	a. Detector system Panel	Required	Provided	MR
	b. Flow switch Panel	Required	Provided	MR
	c. PA system Panel	Required	Provided	MR
	d. Batter backup	Required	Provided	MR
	e. Building floor plans	Required	Provided	MR



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**Special Fire Protection systems for protection of special risks, if any:**

CO2 System Provided in Transformer rooms, LT & HT Panel rooms same are now compartmented as per NBC. MR

The fire protection systems provided in the building were test checked at random and found functional at the time of inspection. Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010. The shortcoming communicated vide letter dated 06.04.2017 has been complied as after modification in the UBBL for Delhi 2016 at Sr. No.5 " However in case of hospital the width shall not be less than 1.25m in case of patient room upto 2beds and not less than 2m in case of patient ward".

*[Handwritten Signature]*  
12/4/17

Signature of Inspecting Officer

Name Vedpal

Designation ADO

~~DO (S.D)~~

~~*[Handwritten Signature]*~~  
12/4/17

~~*[Handwritten Signature]*~~ May kindly see  
4/37

*[Handwritten Signature]*  
12/4

*[Handwritten Signature]*



Date: 12/4/17  
Dist. No. 89