

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

No.F6/DFS/MS/2017/SZ/ 1179

Dated 8/8/17

FIRE SAFETY CERTIFICATE

Certified that **M/s Ortho Block located at Safdarjung Hospital Complex, New Delhi-110029**, comprised of ground plus four upper floors, owned/occupied by Ministry of Health, 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 officers concerned of this department on dated 24.07.17 in the presence of Mr. Shankar, Junior Engineer and that the building is fit for **Occupancy Group "C" Institutional Building (Hospital)** with effect from... 8/8/.....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.

Issued on ... 8/8/.....2017 at New Delhi by

(Vipin Kental)  
Chief Fire Officer

T.No.011-23412225 o/c

Copy To:- 1. Executive Engineer (E), PWD, Safdarjung Hospital Complex, New Delhi-110029.  
2. Medical Superintendent, Safdarjung Hospital, New Delhi-110029.

Conditions for the validity of fire safety certificate is as under

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.

1	Name & address of the building	M/s. Dr. B. S. Choudhary Hospital Delhi-110029.		
2	Type of Occupancy	Institutional Building "C" (Hospital)		
3	Building comprised of	Ground plus four upper floors.		
4	Type of case	New Case		
5	Details of previous NOC	Nil.		
6	Fire safety directives letter No	No.F6/MS/DFS/85/Hospital/828, Dated 23.09.1985.		
7	Date of inspection	24.07.2017.		
8	Name of the inspecting Officers:	ADO Vedpal		
9	Name and designation of officers from the building side	Sh.Shankar B. Junior Engineer Electric PWD.		
10	Year of construction	Around 1975.		
11	Applicant's letter No.	No.3/Fire Safety/Estate-2017, Dated 28.04.2017.		
S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	Requirements as per recommendations dated 23.09.85	Provided at site	Remarks MR / NMR
1	<b>Access to building</b>			
	1) Road width	06m After intering in Hospital Complex	06m After intering in Hospital Complex	MR(old building)
	2) Gate width	N/A	N/A	N/A
	3) Width of internal road	N/A	N/A	N/A
2	<b>Number, width Type &amp; arrangement of exits</b>			
	<b>a. Number of staircases</b>			
	1. Upper floors	02nos.	02nos.	MR
	2. basements	N/A	N/A	N/A
	<b>b. Width of staircase</b>			
	1. Upper floors	1.40m & 1.12m	1.40m & 1.12m	MR(old building)
	2. basements	N/A	N/A	N/A
	<b>c. Protection of exits</b>			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	N/A	N/A	N/A
	<b>d. No. of continuous staircase to terrace</b>	02nos.	02nos.	MR
	e. Width of corridor	N/A	N/A	N/A
	f. Door size	N/A	N/A	N/A
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	N/A	N/A	N/A
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	N/A	N/A	N/A
4	<b>Smoke Management system.</b>			
	basement	30 a/c per hour	N/A	N/A
	upper floors	12 a/c per hour	Natural Ventilation	MR
5	<b>Fire Extinguishers</b>			
	total numbers	20Nos	20 Nos.	MR
	Types	ABC, CO2 & WCO2	ABC, CO2 , WCO2	MR
	ISI marking	ISI	Provided	MR
6	<b>First-Aid Hose Reels.</b>			
	Total numbers on each floor	02nos.	02nos.	MR
	Length of Hose reel hose	30 Mtr	30m	MR
	Nozzle Diameter	5mm	5mm	MR
7	<b>Automatic fire detection and alarming system</b>			
	Type of detectors	Heat & Smoke	Heat & Smoke	MR
	location of Main Panel	Ground Floor	Ground Floor	MR
	location of Repeater panel	N/A	N/A	N/A
	Alternate source of power	Required	Provided	MR
	hooter's location	All Areas	Provided	MR

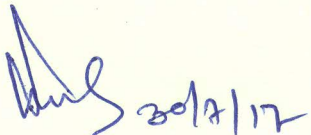
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INSPECTION REPORT

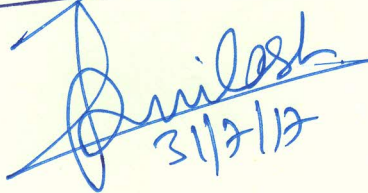
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	basement	N/A	N/A	N/A
	upper floors	N/A	N/A	N/A
	sprinkler above false ceiling	N/A	N/A	N/A
11	Internal Hydrants			
	Size of riser/down-corner	100mm	150mm	MR
	Number of Hydrants per floor	02nos.	02nos.	MR
	hose Box	02nos.	02nos.	MR
12	Yard Hydrants.			
	total number of hydrants	04nos.	04nos.	MR
	house box	04nos.	04nos.	MR
13	Pumping arrangements	Fire fighting pumps and UGWST are common for entire Hospital(old buildings)		
	1. Ground level	Required	Provided	MR
	a. Discharge of main Pump	2850LPM	2850LPM	MR
	b. Head of main pump	90m	90m	MR
	c. Number of main pumps	01no.	01no.	MR
	d. jockey pump out put	220LPM	220LPM	MR
	e. jockey pump head	90m	90m	MR
	f. Standby Pump output	2850LPM	2850LPM	MR
	g. Stanby Pump head	90m	90m	MR
	h. Auto Starting/Manual stopping	Required	Provided	MR
	pump house access	Required	Provided	MR
	2. Terrace level			
	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
14	Captive water storage for fire fighting	Fire fighting pumps and UGWST are common for entire Hospital(old buildings)		
	1. Underground tank capacity	200,000 ltr	200,000 Ltr Provided	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	Required	Provided	MR
	c. Access to tank	Required	Provided	MR
	Over head tank Capacity	N/A	N/A	N/A
15	Exit Signage.	Required	Provided	MR
16	Provision of lifts.			
	a. Pressurization of lift shaft	N/A	N/A	N/A
	b. pressurization of lift lobby	N/A	N/A	N/A
	c. communication in lift car	Required	Provided	MR
	d. Fireman's grounding switch	Required	Provided	MR
	e. Lift signage	Required	Provided	MR
17	Standby power supply	Required	Provided	MR
18	Refuge Area.			
	total area	N/A	N/A	N/A
	location	N/A	N/A	N/A

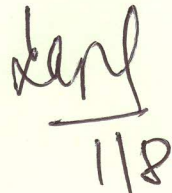
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19	Fire control room			
	a. Detector system Panel	Required	Provided	MR
	b. Flow switch Panel	N/A	N/A	N/A
	c. PA system Panel	Required	Provided	MR
	d. Batter backup	Required	Provided	MR
	e. Building floor plans	N/A	N/A	N/A
20	<b>Special Fire Protection systems for protection of special risks, if any: HT, LT &amp; Transformer are provided with ABC &amp; CO2 Type fire extinguishers. MR</b>			
<p>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 shortcomings communicated vide letter dated 06.01.17 have been complied at serial numbers 2,3,6,9,11, 12,13,15 &amp; 16. Reply letter in shape of DFA is put up for kind consideration please.</p>				
 <b>Signature of the inspecting officer</b>  <b>Name</b> Vedpal  <b>Designation :</b> Assistant Divisional Officer				

~~D.O. (S.O)~~  
  
 31/7/17

~~Dy. CFO (S2)~~  
  
 1/8



CFO (S2) M.Sc. FT M.  
 2/8

FT letter is put up for sign please  
  
 4/8/17  
 ADO (S2)

1101/CFO(S2)  
 4.8.17-78

CFO (S2) M.Sc. 7/8