

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**HEAD QUARTERS, DELHI FIRE SERVICE, NEW DELHI - 110001**


No.F6/DFS/MS/Hospital/NDZ/2017/ 1873

Dated: 28/12/17

**FIRE SAFETY CERTIFICATE**

Certified that the **Orthopedic Block Lok Nayak Hospital** at **New Delhi** comprised of **Basement + Ground + 07 Upper floor** owned/occupied by Lok Nayak Hospital 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 Delhi Fire Service on 30/11/2017 in the presence of Sh. Subhash Chand AE (E) & Sh. Kiran Kumar JE (E), PWD that the premises is fit for occupancy class **Institutional Building** with effect from ~~28/12/17~~ for 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 printed below.

Issued ~~28/12/17~~ at New Delhi by.

  
(Vipin Kental)  
Chief Fire Officer  
Delhi Fire Service

Copy to:-

1. The Medical Superintendent,  
Lok Nayak Hospital, New Delhi.
2. The Assistant Engineer (E),  
Health Maint. Elect. Division (C),  
PWD, Lok Nayak Hospital, New Delhi.

   
20/12

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

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
6. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rules 2010. The form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)
7. The means of escape shall be kept unobstructed / unlocked for unhindered evacuation in case of an emergency.
8. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in form 'J' [sub rule (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry".

718

**INSPECTION REPORT**

1. Name & address of the building : Orthopedic Block at L.N. Hospital, New Delhi.
2. Type of occupancy : Institutional Building  
Basement + Ground + 07 Upper floors
3. Type of case:- : Renewal
4. Details of previous NOC : F6/DFS/MS/2011/79 dated 14/01/2011
5. Fire safety directives No. : F6/DFS/MS/BP/Hospital/98/1378 dated 23/07/1998
6. Date of inspection:- : 30/11/17
7. Name of the inspecting officer : Sh. Gurmukh Singh DO/CD,  
Sh. M.K. Sharma ADO/CC
8. Name & designation of officer from the building side : Sh. Subhash Chand AE (E) &  
Sh. Kiran Kumar JE (E), PWD
9. Year of construction : 2010
10. Applicant's letter No : AE(E)-II/PWD/W.F./2017-18/451 dated 16/11/17.

S.No.	Minimum Standards on fire Prevention and fire safety U/R 33	Requirement Existing fire safety arrangements	Provided at site	Remarks MR/NMR
1.	Access to Building			
	1) Road width	13 mtr.	15 mtr.	MR
	2) Gate width	05 mtr.	05 mtr.	MR
	3) Width of internal road	6 mtr.	6 mtr. Two side on road	MR
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	04 No.	04 No.	MR
	2. Basements	04 No.	04 No. & ramp	MR
	B. Width of staircase			
	1. Upper floors	2 mtr.	2 mtr. each	MR
	2. Basements	2 mtr.	2 mtr. each & Ramp 2 mtr.	MR
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	MR
	D. No. of continuous staircase to terrace	04	04	MR
	E. Width of corridor	2 mtr.	2 mtr.	MR
	F. Door size	2 mtr.	2 mtr.	MR
3.	Compartmentation			
	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.	Smoke Management System			
	1) Basements	30 ACPH	Exhaust fan	MR
	2) Upper floors	12 ACPH	Natural	MR
5.	Fire Extinguishers			
	1) Total numbers	90 Nos.	95 Nos.	MR
	2) Types	ABC & CO2	ABC, CO2 &	MR

m

	3) ISI marking	Required	Provided	MR
6.	First-Aid Hose Reel			
	1) Total number of each floor	01	01	MR
	2) Length of hose reel hose	36 m	36 m	MR
	3) Nozzle diameter	5 mm	5 mm	MR
7.	Automatic Fire Detection & Alarming System			
	1) Type of detectors	Smoke/ heat	Smoke/ heat	MR
	2) Location of main panel	C. Room	Provided	MR
	3) Location of repeater panel	floor wise	floor wise	MR
	4) Alternate source of power	D.G. set.	Provided	MR
	5) Hooter's Location	Every floor	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	1) Basement	Required	Provided	MR
	2) Upper floors	N/A	N/A	N/A
	3) Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants			
	1) Size of riser/down-comer	150 MM	150 MM	MR
	2) Number of hydrants per floor	02	02	MR
	3) Hose box each floor	02	02	MR
12.	Yard Hydrants			
	1) Total number of hydrants	04	04	MR
	2) Hose box	04	04	MR
13.	Pumping Arrangement	Common pump with MAIDS		
	1) Ground level			
	a) Discharge of main pump	2850 LPM	2850 LPM	MR
	b) Head of main pump	70 mtr.	70 mtr.	MR
	c) Number of main pump	02	02	MR
	d) Jockey pump out put (2 Nos.)	180 LPM	180 LPM	MR
	e) Jockey pump head	70 mtr.	70 mtr.	MR
	f) Stand by pump output	2850 LPM	2850 LPM	MR
	g) Stand by pump head	70 mtr.	70 mtr.	MR
	h) Auto starting/Manual stopping	Required	Provided	MR
	2) Terrace level			
	a) Discharge of pump	N/A	N/A	N/A
	b) Head of 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			
	1) Under ground tank	2,00,000 ltr.	2,00,000 ltr.	MR

	capacity			
	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 Ltrs.	20,000 Ltrs.	MR
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 switch	Required	Provided	MR
	e) Lift signage	Required	Provided	MR
17.	Stand by Power Supply	Required	Provided	MR
18.	Refuge Area	N/A	N/A	N/A
	Total area location	N/A	N/A	N/A
19.	Fire Control Room			
	a) Detector system panel	Required	Provided	MR
	b) Flow switch panel	Required	Provided	MR
	c) PA system panel	Required	Provided	MR
	d) Battery backup	Required	Provided	MR
	e) Building floor plan	Required	Provided	MR
20.	Special Fire Protection System for Protection of special Risk, if any: Co2 & DCP			MR

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection.

Shortcomings communicated vide letter No. F6/DFS/MS/2016/2836 dated 07/12/2016 have been rectified. ✓

In view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the FSC issued vide letter no. F6/DFS/MS/2011/79 dated 14/01/2011 renewal under rule 35 of the Delhi Fire Service rules 2010, is recommended.

Signature of the Inspecting Officer

Name :- G.S Chauhan  
Designation :- DO (CD)

Signature of the Inspecting Officer

Name :- M.K. Sharma  
Designation :- ADO (CC)