

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

No. F6/dfs/ms/Hospital/2017/s2/121

Dated: 31/1/17

**FIRE SAFETY CERTIFICATE**

Certified that M/s Patient Attendant Block, J.P.N. Apex Trauma Centre, AIIMS, Raj Nagar, New Delhi, comprised of lower ground, upper ground plus ten upper floors, owned/occupied by All India Institute of Medical Sciences (AIIMS), 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 21.01.17 in the presence of Sanju Sukla, Director Project of the Hospital and that the building is fit for Occupancy Group "A" Residential Building (Patient Attendant Hostel ) with effect from... 31/1/17 .....2017 for a period of five 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.

Issued on... 31/1/17 .....2017 at New Delhi by.

*u*  
*30/1*  
(Vipin Kental)

Chief Fire Officer

T.No.011-23412225

- Copy to:-1. Er. Sh.Deepak Bhutale, Executive Engineer, AIIMS Complex, Ansari Nagar, New Delhi.  
2. The Chief Architect, NDMC, Palika Kendra, Sansad Marg, New Delhi-110001.

**Conditions for the validity of fire safety certificate are 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 on form J, six month prior to its expiry.

## INSPECTION REPORT

1	Name & address of the building	M/s Patient Attendant Block, J.P.N. Apex Trauma Centre, AIIMS, Raj Nagar, New Delhi.
2	Type of Occupancy	Residential Building "A"
3	Type of case	New Case.
4	Details of previous NOC	Nil.
5	Fire safety directives letter No	F6/DFS/MS/BP/2013/227, Dated 13.08.2013.
6	Date of inspection	21.01.2017.
7	Name of the inspecting Officers	Vedpal ADO.
8	Name and designation of officers from the building side	Sh. Sanju Sukla Director Project
9	Building Comprised of	Lower Ground, Upper ground plus ten upper floors. Lower ground & upper ground are offices & halls. 1st Floor to 10th Floor 06 rooms and 06 dormatory(04 beds each) on each floor.
10	Year of construction	2016
11	Applicant's letter No.	No.Engg/EE(C )III/2016-17/4832, Dated 17.10.2016.

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	Requirements as per NBC	Provided at site	Remarks MR / NMR
1	<b>Access to building</b>			
	1) Road width	<del>9m</del> 12m	24m	MR
	2) Gate width	4.5m	9m	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	LG to UG=04nos. & UG to Terrace=02nos	LG to UG=04nos. & UG to Terrace=02nos	MR
	2. basements	N/A	N/A	N/A
	<b>b. Width of staircase</b>			
	1. Upper floors	2m/1.50m	LG to UG=2m, 2m, 1.5m & 7.3m UG to Terrace=02m (each)	MR
	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	Both staircases are naturally ventilated and on outer periphery	MR
	<b>d. No. of continuous staircase to terrace</b>	02nos.	02nos.	MR
	<b>e. Width of corridor</b>	N/A	02m	N/A
	<b>f. Door size</b>	1m/2m	1m/2m	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	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	12 N/A	N/A
	Upper Floors	a/c per hour	Provided in common corridors	MR
5	<b>Fire Extinguishers</b>			
	total numbers	50nos. ABC, CO2 & WCO2	72nos. ABC, CO2 & Water CO2	MR
	Types	ISI Mark	ISI Mark	MR
	ISI marking			MR
6	<b>First-Aid Hose Reels.</b>			
	total numbers on each floor	02nos.	02nos.	MR
	Length of Hose reel hose	30m	30m	MR
	Nozzle Diameter	5mm	5mm	MR

7	Automatic fire detection and alarming system			
	Type of detectors	Heat & Smoke	Heat & Smoke	MR
	location of Main Panel	Ground Floor	Ground Floor	MR
	location of Repeater panel	Fire Control Room	Fire Control Room	MR
	Alternate source of power	Required	Provided	MR
	hooter's location	All Areas	All Areas	MR
8	<b>MOEFA</b>	Required	Provided	MR
9	<b>Public Address System.</b>	Required	Provided	MR
10	<b>Automatic Sprinkler System.</b>			
	basement	N/A	N/A	N/A
	upper floors	Required in Lower ground floor only	Provided in lower ground floor only	MR
	sprinkler above false ceiling	N/A	N/A	N/A
11	<b>Internal Hydrants</b>			
	Size of riser/down-corner	150mm	150mm	MR
	Number of Hydrants per floor	02nos.	02nos.	MR
	hose Box	02nos.	02nos.	MR
12	<b>Yard Hydrants.</b>			
	total number of hydrants	04nos.	04nos.	MR
	hose box	04nos.	04nos.	MR
13	<b>Pumping arrangements</b> (Fire Fighting Pumps are common for entire Trauma Centre)			
	<b>1. Ground level</b>	Required	Provided	MR
	a. Discharge of main Pump	2850LPM	2850LPM	MR
	b. Head of main pump	90m(each)	90m(each)	MR
	c. Number of main pumps	02nos.	02nos.	MR
	d. jockey pump out put	180LPM & 280LPM	180LPM & 280LPM	MR
	e. jockey pump head	90m(each)	90m(each)	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
	<b>2. Terrace level</b>			
	a. Discharge of pump	N/A	900+900LPM	N/A
	b. head of the pump	N/A	40m(each)	N/A
	c. Power supply	N/A	Provided	N/A
	d. Auto starting of pump	N/A	Provided	N/A
14	<b>Captive water storage for fire fighting</b> Underground water storage tank for fire fighting system is common for entire trauma centre			
	1. Underground tank capacity	150000Liters	150000Liters common for entire complex	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	10000Litrs	15000Liters	MR
15	<b>Exit Signage.</b>	Required	Provided	MR
16	<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
17	<b>Standby power supply</b>	Required	Provided	MR
18	<b>Refuge Area.</b> Not Required			
	total area	N/A	Balcony provided in each room on outer periphery	N/A
	location	N/A	N/A	N/A
19	<b>Fire control room</b>			
	a. detector system Panel	Required	Provided	MR
	b. Flow switch Panel	N/A	N/A	N/A


N/4

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Special Fire Protection systems for protection of special risks, if any: ABC Type Fire Extinguishers Provided in LT Room. 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.

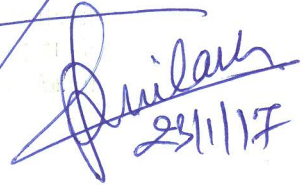
Accordingly DFA is put up for your approval and signature please.

  
22/01/17

Signature of the inspecting officer

Name: Vedpal

Designation : ADO

~~DO-S-D~~  
  
23/1/17

