

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

No. F6/DFS/MS/Hospital/SZ/2017/ 602

Dated: 28/04/17

FIRE SAFETY CERTIFICATE

Certified that **All India Society for Health Aid Education & Research Hospital (A.S.H.A), Sector-18A, Dwarka, New Delhi-110075**, comprised of three tier basements, Ground floor, service floor plus ten upper Floors was inspected by the officers concerned of this department on 19.04.2017 in the presence of Sh. Nagender Solanki (Director) & Amit Khullar (Architect) and found that management have complied with the fire prevention and fire safety requirements in accordance with Delhi Fire Service Act 2010 & Delhi Fire Service Rules 2007 and that the building/premises is fit for occupancy class **Group-C Institutional Building** with effect from 28/04/17 for a period of 03 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 and subject to compliance of the conditions under rule 38 of the Delhi fire service Rules, 2010 subject to conditions printed below.

Issued on 28/04/17 at New Delhi by.


(VIPIN KENTAL)
CHIEF FIRE OFFICER

Copy to: -

1. The Director, All India Society for Health Aid Education & Research Hospital (A.S.H.A), Sector-18A, Dwarka, New Delhi-110075.
2. The Executive Engineer (Bldg.)-I, SDMC, 8th floor, Civic Centre, Minto Road, New Delhi-110002.

Conditions for the validity of Fire Safety Certificate

- a. All the fire safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
- b. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
- c. Basement shall be used as per the provisions of BBL.
- d. Building Sanctioning authority may verify any deviation with regard to the construction / occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
- e. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- f. 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 website www.dfs.delhigovt.nic.in

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INSPECTION REPORT

1	Name & address of the building	All India Society for Health Aid Education & Reasearch , Sector-18A, Dwarka, New Delhi-110075.
2	Type of Occupancy	Institutional C-1 (Hospital)
3	Type of case	New
4	Details of previous NOC	Nil
5	Fire safety directives letter No	F/6/DFS/MS/BP/Hospital/2014/246 Dated 09.09.2014
6	Date of inspection	19.4.2017
7	Name of the inspecting Officers	ADO S. P. Bhardwaj
8	Name and designation of officer from the building side	Dr. Nagender Solanki (Director)
9	Year of construction	2016
10	Applicant's letter No.	ASHA/DFS/NOC/2016/005 dated 11.4.2017

Three Tier Basements, Ground + service floor + Ten upper Floors.

S. NO.	Minimum Standards on fire prevention and fire safety U/R	Requirements As per NBC	Provided at site	Remarks MR/NMR
1	Access to building			
	1) Road width	12 Mtrs.	20 Mtrs.	MR
	2) Gate width	4.5 Mtrs.	6 Mtrs.	MR
	3) Width of internal road	6 Mtrs.	6 Mtrs.	MR
2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	4 Nos.	4 Nos.	MR
	2. basements	6 Nos.	6 Nos.	MR
	b. Width of staircase			
	1. Upper floors	2 Mtrs.	2 Mtrs.	MR
	2. basements	2 Mtrs. & 1.5 Mtrs.	4 Nos. (2 Mtrs.) & 2 Nos. (1.5 Mtrs.) and Ramp	MR
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	MR
	d. No. of continuous staircase to terrace	3 No.	3 Nos.	MR
	e. Width of corridor	2.40 Mtrs.	Provided	MR
	f. Door size	2m/1.25m/1m	2m/1.25m/1m	MR
3	Compartmentation.			
	1. Fire check door	Required	Provided	MR
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	2 Hours	2 Hours	MR
	4. water curtain	Pseudo Compart.	Provided	MR
	5. Fire dampers	Required	Provided	MR
4	Smoke Management system.			
	basement	30 Air Change	Provided	MR

5	Fire safety directives letter No	F/6/DFS/MS/BP/Hospital/2014/246 Dated 09.09.2014
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1	Access to building			
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	2) Gate width	4.5 Mtrs.	6 Mtrs.	MR
	3) Width of internal road	6 Mtrs.	6 Mtrs.	MR
2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	4 Nos.	4 Nos.	MR
	2. basements	6 Nos.	6 Nos.	MR
	b. Width of staircase			
	1. Upper floors	2 Mtrs.	2 Mtrs.	MR
	2. basements	2 Mtrs. & 1.5 Mtrs.	4 Nos. (2 Mtrs.) & 2 Nos. (1.5 Mtrs.) and Ramp	MR
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	MR
	d. No. of continuous staircase to terrace			
		3 No.	3 Nos.	MR
	e. Width of corridor			
		2.40 Mtrs.	Provided	MR
	f. Door size			
		2m/1.25m/1m	2m/1.25m/1m	MR
3	Compartmentation.			
	1. Fire check door	Required	Provided	MR
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	2 Hours	2 Hours	MR
	4. water curtain	Pseudo Compart.	Provided	MR
	5. Fire dampers	Required	Provided	MR
4	Smoke Management system.			
	basement	30 Air Change	Provided	MR
	upper floors	12 Air Change	Provided	MR
5	Fire Extinguishers			
	total numbers	As per IS 2190	Provided	MR
	Types	Co2 OR ABC	CO2 & ABC	MR
	ISI marking	Required	Provided	MR

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6	First-Aid Hose Reels.			
	total numbers on each floor	Bsmt.- 6, Gr.to 7th 4 Nos. 8th to terrace 3 Nos.	Bsmt.- 6, Gr.to 7th 4 Nos. 8th to terrace 3 Nos.	MR
	Length of Hose reel hose	30 M	30 Mtrs.	MR
	Nozzle Diameter	5 mm	5 mm	MR
7	Automatic fire detection and alarming system :			
	Type of detectors	Heat/Smoke	Provided	MR
	location of Main Panel	Ground floor	Ground Floor	MR
	location of Repeater panel	Basement-1	Basement-1	MR
	Alternate source of power	Required	UPS	MR
	hooter's location	Appropriate Places	Near stairs each floor	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.	Provided	Provided	MR
	basement	Required	Provided <i>f. Pseudo Comp</i>	MR
	upper floors	Required	Provided	MR
	sprinkler above false ceiling	Required	Provided	MR
11	Internal Hydrants			
	Size of riser/down-corner	150 mm	150mm	MR
	Number of Hydrants per floor	Bsmt.- 6, Gr.to 7th 4 Nos. 8th to terrace 3 Nos.	Bsmt.- 6, Gr.to 7th 4 Nos. 8th to terrace 3 Nos.	MR
	hose Box	Required	Provided	MR
12	Yard Hydrants.			
	total number of hydrants	8 Nos.	8 Nos.	MR
	hose box	Required	Provided	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	2280 LPMx2	2280 LPM X 2	MR
	b.Head of main pump	110 Mtrs.	80 Mtrs.	MR
	c.Number of main pumps	2 Nos.	2 Nos.	MR
	d.jockey pump out put	180 LPM	180 LPM	MR
	e.jockey pump head	110 Mtrs.	80 Mtrs.	MR
	f. Standby Pump output	2280 LPM	2280 LPM	MR
	g.Stanby Pump head	110 Mtrs.	80 Mtrs.	MR
	h.Auto Starting/Manual stopping	Required	Provided	MR
	I. 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			
	1. Underground tank capacity	1.50 Lac Ltrs.	1.50 Lac Ltrs.	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	20000 Ltrs.	40000 Ltrs.	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of lifts.			
	a. Pressurization of lift shaft	Required	Provided	MR
	b. pressurization of lift lobby	Required	Provided	MR
	c. communication in lift car	Required	Provided	MR

	Alternate source of power	Required	UPS	MR
	hooter's location	Appropriate Places	Near stairs each floor	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.	Provided	Provided	MR
	basement	Required	Provided <i>f. Pseudo Comp</i>	MR
	upper floors	Required	Provided <i>SP</i>	MR
	sprinkler above false ceiling	Required	Provided	MR
11	Internal Hydrants			
	Size of riser/down-corner	150 mm	150mm	MR
	Number of Hydrants per floor	Bsmt.- 6, Gr.to 7th 4 Nos. 8th to terrace 3 Nos.	Bsmt.- 6, Gr.to 7th 4 Nos. 8th to terrace 3 Nos.	MR
	hose Box	Required	Provided	MR
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	total number of hydrants	8 Nos.	8 Nos.	MR
	hose box	Required	Provided	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	2280 LPMx2	2280 LPM X 2	MR
	b. Head of main pump	110 Mtrs.	80 Mtrs.	MR
	c. Number of main pumps	2 Nos.	2 Nos.	MR
	d. jockey pump out put	180 LPM	180 LPM	MR
	e. jockey pump head	110 Mtrs.	80 Mtrs.	MR
	f. Standby Pump output	2280 LPM	2280 LPM	MR
	g. Stanby Pump head	110 Mtrs.	80 Mtrs.	MR
	h. Auto Starting/Manual stopping	Required	Provided	MR
	i. 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			
	1. Underground tank capacity	1.50 Lac Ltrs.	1.50 Lac Ltrs.	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	20000 Ltrs.	40000 Ltrs.	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of lifts.			
	a. Pressurization of lift shaft	Required	Provided	MR
	b. pressurization of lift lobby	Required	Provided	MR
	c. communication in lift car	Required	Provided	MR

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	d. Fireman's grounding switch	Required	Provided	MR
	e. Lift signage	Required	Provided	MR
17	Standby power supply	Required	DG Set 500 KVA	MR
18	Refuge Area.			
	total area	As per plan	Provided	MR
	location	6th level	6th level	MR
	Fire control room			
19	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 plans	Required	Provided	MR
20	Special Fire Protection System for Protection of special Risks, if any:		CO2 flooding system Provided	MR

The fire protection systems provided in the building were checked and found functional at the time of inspection. The shortcomings issued by this department vide letter No. F.6/DFS/MS/Hospital/SZ/1842 dated 29-07-2016 have been already rectified by the hospital management.

Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules, issuance of Fire Safety Certificate is recommended under rules 35 of the Delhi Fire Service Rules 2010. Width of the patient bed rooms door up to 2 beds is having 1.25 mtr. and more than 2 beds / Patient ward is provided 2 Mtrs. Accordingly DFA may be approved please.

Surej
22/4/17
SP Bhardwaj
ADO (Dwarka)

DOSW

[Signature]
25/4/2017

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