

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001
Fax: 23412593, E-mail: cfohq.dlfire@nic.in, Tel:- 011-23414333

NO.F6/DFS/MS/Hospital/2013/804

Dated: 26/08/13

FIRE SAFETY CERTIFICATE

Certified that **Sushruta Trauma Centre, GNCTD located at 9, Metcalf Road, Delhi-54** comprised of Basement, ground and two upper floors 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 05.08.2013 in presence of Mr. A.K.Sharma, A.E.(Electrical), PWD of the hospital and that the building/premises is fit for occupancy class Institutional (Hospital) with effect from 26/08/13 for a period of **3(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.

Issued on 26/08/13 at New Delhi by.

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(DR. G. C. MISRA)
CHIEF FIRE OFFICER
DELHI FIRE SERVICE

Copy to: -

1. The Assistant Engineer, PWD (Elect.), Sushruta Trauma Centre, GNCTD, 9- Metcalf Road, Delhi
2. The Medical Superintendent, Sushruta Trauma Centre, GNCTD, 9- Metcalf Road, Delhi

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.
- b. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
- c. 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.
- d. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- e. Width of staircases which are less than 2 mts may be examined as fate accomplished or otherwise

INSPECTION REPORT

1. Name & address of the building: SUSHRUTA TRAUMA CENTRE, GNCTD
9- Marcalj Road, Delhi-54
2. Type of Occupancy : Institutional (Hospital)
3. Type of Case : Free
4. Details of previous NOC : Letter No NIL
5. Fire Safety directives Letter No. : D.S. Yadav (DO) & S.K. (Gomar) (A-DO)
6. Date of inspection : 05-08-2013
7. Name of the Inspecting Officer : D.S. Yadav & S.K. (Gomar) (A-DO)
(DO)
8. Name and designation of Officer from the building side : Sh. A.K. Singh AE/PWD/Elect
9. Year of Construction : 1998
10. Applicant's letter No. : F.5(7)/Estt./STC/PWD/08-09/823-24 Dated 23/04/13

S No	Minimum standards on fire prevention and fire safety U/R 33	BBL Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	6 mtr	12 mtr	MR
	• Gate width	5 mtr.	5 mtr	MR
	• Width of internal road	N/A	N/A	N/A
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	03	03	MR
	• Basements	03+ Ramp	03+Ramp	MR
	b. Width of staircases			
	• Upper floors	02 mtr	1.98 mtr	MR (Fate accomplish)
	• Basements	02 mtr	1.98 mtr + 2.85 Ramp	MR (Fate accomplish)
	c. Protection of exits			
	• Fire check door	04	04 Provided	MR
	• Pressurization	N/A	N/A	N/A
	d. No of continuous staircase to terrace	01	02	MR
	e. Width Of Corridor	N/A	N/A	N/A
	f. Door Size	N/A	N/A	N/A

3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door			
	• Water Curtain			
	• Fire Dampers		N/A	
4.	Smoke managements System			
	• Basements	30 a/c per hour	2 no. Exhaust fans Provided	MR
	• Upper floors	12 a/c per hour	—	—
5.	Fire Extinguishers			
	• Total numbers	116 Nos.	116 nos.	MR
	• Types	CO ₂ and ABC Powder	CO ₂ & ABC Powder	MR
	• IS marking	ISI marked	Yes	MR
6.	First – Aid Hose Reels			
	• Total numbers on each floor	03	03	MR
	• Length of hose reel hose	30mtr	Provided	MR
	• Nozzle diameter	5 mm	Provided	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	Smoke/Hear	Provided	MR
	• Location of Main Panel	At Ground floor	Provided near entrance	MR
	• Location of Repeater Panel	At each floor	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	On each floor	Provided	MR
8.	MOEFA	Required	Provided in common areas	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basements	Required	Provided	MR
	• Upper Floor	N/A	N/A	N/A

(Signature)

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	<ul style="list-style-type: none"> • Sprinkler above false ceiling 	N/A	N/A	N/A
11.	Internal Hydrants			
	<ul style="list-style-type: none"> • Size of riser/down-comer 	100 mm	100 mm	MR
	<ul style="list-style-type: none"> • Number of hydrants per floor 	03	03	MR
	<ul style="list-style-type: none"> • Hose Box 	03	03	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> • Total number of hydrants 	07	07	MR
	<ul style="list-style-type: none"> • Hose Box 	07	07	MR
13.	Pumping Arrangements			
	<ul style="list-style-type: none"> • Ground Level • Discharge of main pump 	2350 LPM	2350 LPM	MR
	<ul style="list-style-type: none"> ➤ Head of main pump 	30 mtr	30 mtr	MR
	<ul style="list-style-type: none"> ➤ Number of main pumps 	One	One	MR
	<ul style="list-style-type: none"> ➤ Jockey pump out put 	180 LPM	180 LPM	MR
	<ul style="list-style-type: none"> ➤ Jockey pump head 	30 mtr	30 mtr	MR
	<ul style="list-style-type: none"> ➤ Standby Pump out put 	2350 LPM	2350 LPM	MR
	<ul style="list-style-type: none"> ➤ Standby Pump Head 	30 mtr	30 mtr	MR
	<ul style="list-style-type: none"> ➤ Auto Starting/Manual stopping 	Required	Provided	MR
	<ul style="list-style-type: none"> ➤ Pump House Access 	Required	Provided	MR
	<ul style="list-style-type: none"> • Terrace level 		MIA	
	<ul style="list-style-type: none"> ➤ Discharge of pump 			
	<ul style="list-style-type: none"> ➤ Head of the pump 		N	
	<ul style="list-style-type: none"> ➤ Power supply 			A
	<ul style="list-style-type: none"> ➤ Auto starting of pump 			
14.	Captive water Storage for fire fighting			
	<ul style="list-style-type: none"> • Under ground tank capacity 	One lac litre	One lac litres	MR
	<ul style="list-style-type: none"> ➤ Draw of connection 	Required	Provided	MR
	<ul style="list-style-type: none"> ➤ Fire service inlet 	Required	Provided	MR
	<ul style="list-style-type: none"> ➤ Access to tank 	Required	Provided	MR
	<ul style="list-style-type: none"> • Overhead Tank capacity 	M/A	M/A	M/A
15	Exit Signage	Required	Provided	MR

Shushota Trauma Centre, GNCTD, 9-Metcalfe Road, Delhi-64

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	➤ Pressurization of Lift Shaft	Required	Provided	MR
	➤ Pressurization of lift lobby	-	-	-
	➤ Communication in lift Car	Required	Provided	MR
	➤ Fireman's Grounding Switch	Required	Provided	MR
	➤ Lift Signage	Required	Provided	MR
17.	Standby power supply	Required	62.5KVA DGS+ Provided	MR
18.	Refuge Area		N/A	
	➤ Total area	1	N	
	➤ Location		A	
19.	Fire control room		N/A	
	➤ Detector system panel			
	➤ Flow Switch Panel			
	➤ PA System Panel		N	
	➤ Batter backup		A	
	➤ Building Floor Plans			
20.	Special Fire Protection Systems for Protection of special Risks, if any;	Required	CO2 fire exting. Provided near Elec. Panel.	MR

The fire protection systems provided in the building were test checked 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/issue ~~shortcomings as noted at serial numbers~~

Signature of the Inspecting Officer

Name

Designation

D.O. (e.D.)

submitted please

16-8-13

Signature of the Inspecting Officer

Name

Designation

Asst. Dir. Officer (SPM)

Sanjay Kumar Tomar

Sanjay Kumar Tomar

16/8/13