

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

No. F.6/DFS/MS/Hospital/SZ/2018/ 65

Dated:

09/01/18

FIRE SAFETY CERTIFICATE

Certified that the **Indian Spinal Injury Centre, Sector-C, Vasant Kunj, New Delhi-110070**, comprised of Basement, Ground Floor, 1st Floor & Half 2nd Floor (Approved by DDA vide letter no. F13(49)89/Bldg./05 dated 26/04/2016) was granted FSC by this department vide letter no. F6/MS/DFS/Hospital/2014/SZ/367 dated 31/03/2014. The premise was re-inspected by the officer concerned of this department on **02/01/2018** in the presence of **Mr. Ravinder Yadav (Chief Engineer)** & found to have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the building is fit for occupancy **Group C "Institutional (Hospital)"** with effect ~~09/01/2018~~ 09/01/2018 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.

Issued on ~~09/01/18~~ 09/01/18... at New Delhi by.


(Vipin Kental)
Chief Fire Officer
Ph:-011-23412235

Copy to:-

1. Sh. Ravinder Yadav (Chief Engineer), Indian Spinal Injury Centre, Sector-C, Vasant Kunj, New Delhi-110070.
2. Executive Engg. (Bldg.), DDA, Vikas Sadan, I.N.A., New Delhi

Conditions for the validity of fire safety certificate:

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of firefighting system.
4. 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.
5. This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL-2016) of unauthorized construction or Alteration (Clause 1.4.3 of UBBL-2016), if any.
6. "The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in **Form 'J'** [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry."

INSPECTION REPORT

1. Name & address of the building : Indian Spinal Injury Centre, Sector-C, Vasant Kunj, New Delhi-70
2. Type of Occupancy : Class-C "Institutional (Hospital)"
3. Type of Case : Renewal [Basement + G. Floor + 1st Floor + Half 2nd Floor]
4. Details of Previous NOC : No. F6/MS/DFS/Hospital/2014/SZ/367 dated 31/03/2014
5. Fire Safety directives letter No : F6/DFS/MS/89/2196 dated 30/10/89 & F6/DFS/MS/96/Hospital/1367 dated 17/10/96
6. Date of inspection : 02/01/2018
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers
From the building side : Mr. Ravinder Yadav (Chief Engineer)
9. Year of Construction : 2001 & completion plan of 2016
10. Applicant's letter No. : Nil dated 27/12/2017, outdoor diary No. 16892 dated 27/12/2017

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	BBL/NBC requirement	Provided at site	Remarks MR/NMR
1.	Access to building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	6m 5m NA	9m 5m & 4.25m NA	MR MR NA
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> • Upper Floors 	6 Nos (GF to 1 st Floor + One ramp from Ground to 1 st Floor)	6 Nos [GF to 1 st Floor + One ramp from Ground to 1 st Floor	MR
	<ul style="list-style-type: none"> • Basements 	5Nos (1 st Floor to 2 nd Floor)	5Nos [1 st Floor to 2 nd Floor + One ramp from 1 st Floor to 2 nd Floor	MR
		3 Nos + 1 ramp	3 Nos + 1 ramp	MR
	b. Width of staircases			
	<ul style="list-style-type: none"> • Upper Floor 	1.5m	5 Nos of 1.80m & 1 No of 1.5m + Ramp of 2.20m	MR
	<ul style="list-style-type: none"> • Basements 	1.5m	2 Nos of 1.45m & No of 1.8m + One Ramp	MR (Old Case)
	c. Protection of exits			
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	Required	Provided	MR
		-NA-	-NA-	-NA-
	d. No. of continuous staircases to terrace	Two	Provided	MR
	e. Width of Corridor	3m/2.95m/2.5m/Required	2m	MR (Old Case)
	f. Door Size	Required	Provided	MR (Old Case)
3.	Compartmentation			
	<ul style="list-style-type: none"> • Fire check door5 • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	Required	Provided	MR
		Required	Provided	MR
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
4.	Smoke Management System			
	<ul style="list-style-type: none"> • Basements 	Required	Exhaust Fan Provided	MR
	<ul style="list-style-type: none"> • Upper floors 	-NA-	-NA-	-NA-

5.	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types 	Required IS:2190	110 No's ABC/W. CO ₂ /CO ₂ - 50/50/10 No's	MR MR
	<ul style="list-style-type: none"> IS marking 	ISI	Yes	MR
6.	First-Aid Hose Reels			
	<ul style="list-style-type: none"> Total numbers on each floor 	Not Mandatory	Basement-5 Nos, G. Floor-8 Nos, 1 st Floor-6 Nos, 2 nd Floor-2 Nos	NA
	<ul style="list-style-type: none"> Length of hose reel hose Nozzle diameter 	30m 5mm	Provided Provided	NA NA
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Smoke & Heat Required -NA- Required Required	Provided Basement -NA- Provided All floors	MR MR (Old case) -NA- MR MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement Ground Floor Sprinkler above false ceiling 	Required -NA- -NA-	Provided Partially Provided -NA-	MR -NA- -NA-
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	Not Mandatory Two Two	150mm Basement-5 Nos, G. Floor-8 Nos, 1 st Floor-6 Nos, 2 nd Floor-2 Nos Basement-5 Nos, G. Floor-8 Nos, 1 st Floor-6 Nos, 2 nd Floor-2 Nos	-NA- -NA- -NA-
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	Required Required	9 No's 9 No's	MR MR
13.	Pumping Arrangements			
	<ul style="list-style-type: none"> Ground Level <ul style="list-style-type: none"> Discharge of main Pump Head of Main pump Number of main pumps Jockey Pump out put Jockey pump head Standby Pump out put Standby Pump Head Auto Starting/Manual Stopping Pump House Access 	2280LPM 70m One Jockey Pump Required 2280LPM 70m Required Required	2250LPM Provided Provided 180 LPM 70m 2250LPM Provided Provided Provided	MR (Old case) MR MR MR MR MR (Old case) MR MR MR MR
	<ul style="list-style-type: none"> Terrace level <ul style="list-style-type: none"> Discharge of pump Head of the pump Power Supply Auto Starting of pump 	-NA- -NA- -NA- -NA-	-NA- -NA- -NA- -NA-	-NA- -NA- -NA- -NA-
14.	Captive Water Storage for fire fighting			

	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	25,000 Lts.	20,000 Lts.	MR (Old Case)
	• Overhead Tank capacity			
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	• Pressurization of Lift Shaft	-NA-	-NA-	-NA-
	• Pressurization of Lift lobby	-NA-	-NA-	-NA-
	• Communication In lift Car	-NA-	Provided	-NA-
	• Fireman's Grounding Switch	Required	Provided	MR
	• Lift Signage	-NA-	Provided	-NA-
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area.			
	➤ Total Area	-NA-	-NA-	-NA-
	➤ Location	-NA-	-NA-	-NA-
19.	Fire Control Room			
	• Detector System Panel	-NA-	-NA-	-NA-
	• Flow Switch Panel	-NA-	-NA-	-NA-
	• PA System Panel	-NA-	-NA-	-NA-
	• Battery backup	-NA-	-NA-	-NA-
	• Building Floor Plans	-NA-	-NA-	-NA-
20.	Special Fire Protection System for Protection of special Risks, if any:	-NA-	CO ₂ Fire Extinguishers are provided near the electric panels	-NA-

NOTE:-The Life Safety parameters are taken from the completion drawings approved by DDA on 26/04/2016 and since there is no change in the floors already approved by this department, fire safety measures are taken from above mentioned directives.

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection. The shortcomings communicated vide letter no. F6/DFS/MS/SZ/2017/2195 dated 24/08/2017 found complied during the inspection. Keeping in view of the above substantial compliance of the minimum standards of fire prevention and fire safety measures as required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010.

Accordingly DFA of Form "H" under Rule 35(1) is put up for approval and signature.

DY. CFO(SZ)

On leave

CFO(SZ)

1521/cfo sz
9/1/18

F7M.

Accepted
3/1

A. K. Malik
21/1/18

Signature of Inspecting Officer
Name: A. K. Malik
Designation: Divisional Officer