

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

HEADQUARTERS: DELHI FIRE SERVICE

CONNAUGHT PLACE: NEW DELHI-110001

Ph: 011-23414250 Email: cfowz.dlfire@nic.in

No. F6/DFS/MS/Hospital/2014/W2/657 Date: 30/05/14

Fire Safety Certificate

Certified that the building of Deep Chand Bandhu Hospital (OPD Block Only) located at Kokiwala Bagh, Ashok Vihar, Phase-IV, New Delhi comprised of Basement, Ground plus five upper floors, owned / occupied by Delhi Administration have complied with the fire prevention and fire safety requirements in accordance with Rule 33 of Delhi Fire Service Rules, 2010 and verified by the officers concerned of Fire Service on 14-05-2014 in the presence of Sh. Sikri (Assistant Engineer) PWD (Electrical) and Sh. Shellu (Assistant Engineer) PWD (Civil) and that the building / premises is for the occupancy class "Institutional" Group C Sub Division C-1 with effect from 30/05/14 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 30 / 05 / 14 at New Delhi.


(Santokh Singh)
Chief Fire Officer
Delhi Fire Service

Copy to:

1. Sh. R.K. Gupta, Medical Superintendent,
Deep Chand Bandhu Hospital, Kokiwala Bagh, Ashok Vihar-IV, New Delhi.
2. Executive Engineer (E)
BPD (E), B-241, 2nd floor, MSO Building, New Delhi.

Following fire safety directives must be adhered to:

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviations w.r.t construction shall be verified by the concerned building sanctioning agency.
5. The certificated may not be treated in any case for the regularization of the unauthorized construction, if any.
6. The basement shall be used as per building bye laws.
7. The means of escape shall not be obstructed, locked and free for speedy evacuation of occupants in case of an emergency.
8. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010. form is available on www.dfs.delhi.govt.nic.in.
9. The hospital services in OPD block shall not be extended from 4th and 5th floor to other floors.

Review Two copies 25/5/14
Fire Safety

May kindly peruse letter no 23(14)PWD/B-241/B.P.E.Div/2013-14/297 dated 05-04-14 received from Executive Engineer (E), regarding issue of NOC for OPD block of Deep Chand Bandhu Hospital, Kokiwala Bagh, Ashok Vihar, New Delhi. OPD block is comprised of basement G+ 4 upper floor out of which 4th & 5th floor will be used for I.C.U., patient recovery room etc. and other floor below will be used for M.S. office, doctors room, record rooms, Accts office & OPD at ground floor. PWD has provided 2 dedicated staircase of 2 mtr. width each and ramp of 2 mtr width meeting the requirement of travel distance both floor have been provided with 2 doors of 2 mtr wide (clear width). Premises was inspected by the undersigned & the fire safety arrangements are put up on the prescribed Performa.

1. Name & address of the building : Deep Chand Bandhu Hospital, Kokiwala Bagh, Ashok Vihar, New Delhi. (OPD Block Only)
B+G+ 4 upper floors.
2. Type of Occupancy : Class-C (Institutional)
3. Type of Case : New
4. Details of previous NOC
5. Fire Safety directives letter No. : F6/DFS/MS/BP/Hospital/2007/2352 dated 24/08/1007
6. Date of inspection : 14-05-2014
7. Name of the Inspecting Officers : ADO(MN) & DO (MN)
8. Name and designation of officers

From the building side : Mr. Sikri AE (E) & AE (C) Mr. Shellu
9. Year of Construction : 2012
10. Applicant's letter No. : 23(14)PWD/B-241/B.P.E.Div/2013-14/297 dated 05-04-14

INSPECTION REPORT

Point wise fire safety arrangements/equipments are mentioned as under:-

S. No.	Minimum Standards on fire Prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1.	Access to building			
	• Road width	6 mtr	Provided	M.R
	• Gate width	6 mtr	Provided	M.R.
	• Width of internal road	6 mtr	Provided	M.R.
2.	Number, Width, Type & Arrangement of Exits For O.P.D.			
	a. Number of staircases			
	• Upper Floors	4	Provided	M.R
	• Basement	14 + ramps	Provided	M.R

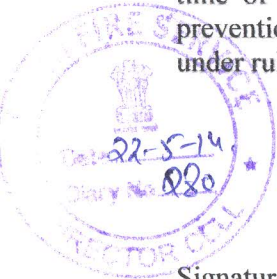
	b. Width of staircases			
	• Upper Floors	4 x 2 mtr	Provided	M.R.
	• Basement	-do-	Provided	M.R.
	c. Protection of exits			
	• Fire check door	Required	Provided	M.R.
	• Pressurization	Required	Provided	M.R.
	d. No. of continuous staircases to terrace	02	Provided	M.R.
	e. Width of Corridor	Required	Provided as per sanction plan	M.R.
f. Door size	2x 2 mtr	Provided at 4 th & 5 th floor	M.R.	
3.	Compartmentation. For O.P.D.			
	• Fire check door	Required	Provided	M.R.
	• Sealing of electrical shafts	Required	Provided	M.R.
	• Fire Rating of shaft door	Required	Provided	M.R.
	• Water Curtain	Required	Provided	M.R.
	• Fire Dampers	Required	Provided	M.R.
4.	Smoke Management System.			
	• Basements	Required	Provided	M.R.
	• Upper floors	Required	Provided	M.R.
5.	Fire Extinguishers For O.P.D.			
	• Total numbers	232	Provided	M.R.
	• Types	ABC, water CO2 & CO2	Provided	M.R.
	• IS marking	ISI marked	ISI marked	M.R.

6.	First-Aid Hose Reels.	For O.P.D		
	• Total numbers on each floor	03	Provided	M.R.
	• Length of hose reel hose	30 m	Provided	M.R.
	• Nozzle diameter	5 mm	Provided	M.R.
7.	Automatic fire detection and alarming system.	For O.P.D		
	• Type of detectors	Smoke & Heat	Provided	M.R.
	• Location of Main Panel	Ground floor	Provided	M.R.
	• Location of Repeater Panel	Ground floor	Provided	M.R.
	• Alternate source of power	Required	Provided	M.R.
	• Hooter's Location	required	Provided at strategic location	M.R.
8.	MOEFA	Required	Provided	M.R.
9.	Public Address System.	Required	Provided	M.R.
10.	Automatic Sprinkler system			
	• Basement	Required	Provided	M.R.
	• Upper Floor	Required	Provided	M.R.
	• Sprinkler above false ceiling	Required	Provided	M.R.
11.	Internal Hydrants	For O.P.D		
	• Size of riser/down-comer	100 mm	Provided	M.R.
	• Number of hydrants per floor	03	Provided	M.R.
	• Hose Box	Required	Provided	M.R.

12.	Yard Hydrants.			
	For O.P.D			
	• Total number of hydrants	13	Provided	M.R.
	• Hose Box	required	provided	M.R.
13.	Pumping Arrangements.			
	For O.P.D			
	Ground Level			
	➤ Discharge of main pump	2280 LPM	Provided	M.R.
	➤ Head of Main pump	70 mtrs	Provided	M.R.
	➤ Number of main pumps	2	Provided	M.R.
	➤ Jockey Pump out put	2 x 180 LPM	Provided	M.R.
	➤ Jockey pump head	70 mtr	Provided	M.R.
	➤ Standby pump out put	2280 LPM	Provided	M.R.
	➤ Standby pump Head	70 mtrs	Provided	M.R.
	➤ Auto Starting/Manual stopping	Required	Provided	M.R.
	➤ Pump Hose Access	Required	Provided	M.R.
	Terrace level			
	➤ Discharge of pump	900 LPM	Provided	M.R.
	➤ Head of the pump	40 mtr	provided	M.R.
	➤ Power supply	Required	Provided	M.R.
	➤ Auto Starting of pump	Required	Provided	M.R.
14.	Captive Water Storage for fire fighting.			
	For O.P.D			
	Underground tank capacity	1,50,000 ltrs	Provided	M.R.
	➤ Draw -off connection	required	Provided	M.R.
	➤ Fire service inlet	required	Provided	M.R.

	➤ Access to tank	required	Provided	M.R.
	➤ Overhead Tank Capacity	20,000 ltrs	Provided	M.R.
15	Exit Signage.	Required	Provided	M.R.
16.	Provision of Lifts	For O.P.D	For O.P.D	
	• Pressurization of Lift Shaft	Required	Provided	M.R.
	• Pressurization of Lift lobby	Required	Provided	M.R.
	• Communication In lift Car	Required	Provided	M.R.
	• Fireman's Grounding Switch	Required	Provided	M.R.
	• Lift Signage	Required	Provided	M.R.
17.	Standby power supply	Required	Provided	M.R.
18.	Refuge Area	For O.P.D		
	➤ Total Area	Required	Provided as per sanction plan	M.R.
	➤ Location	Required	5 th floor	M.R.
19.	Fire Control Room	For O.P.D		
	➤ Detector System Panel	Required	Provided	M.R.
	➤ Flow Switch Panel	Required	Provided	M.R.
	➤ PA system Panel	Required	Provided	M.R.
	➤ Batter backup	Required	Provided	M.R.
	➤ Building Floor plans	Required	Provided	M.R.
20.	Special Fire Protection Systems for Protection of special Risks, if any:	Suppression system for elec. Transformer/ HT & LT Panel	provided	M.R.

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.



Signature of the Inspection Officer

Name Sunil Chawdhary

Designation D.O. (M.N)

Signature of the Inspection Officer

Name MUKESH VERMA

Designation ADDO (M.N)