

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110001

Fax No. 011-23412593, Ph. 011-23412225

No. F6/DFS/MS/Hospital/2017/SZ/90

Dated: 19/01/2017

FIRE SAFETY CERTIFICATE

Certified that Hospital building in the name & style of **National Institute of Tuberculosis & Respiratory Disease at Sri Aurobindo Marg (Near Qutub Minar), New Delhi-110030**, comprised of Ground plus three upper floors was granted Fire Safety Certificate by this department vide letter No F.6/DFS/MS/Hospital/117 dated 25/03/13. The premises was re-inspected by officer concerned of this department on 02.01.2017 in the presence of Mr. Nikhil Agnihotri (Asstt. Engineer) and observed that the said hospital building have deemed complied with fire prevention and fire safety arrangements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class "**Institutional Building Group-C**" (Hospital) with effect from 19/01/2017 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 19/01/2017 at New Delhi


(Vipin Kental)
Chief Fire Officer

Copy to:

1. The Director, National Institute of Tuberculosis & Respiratory Diseases, Sri Aurobindo Marg (Near Qutub Minar), New Delhi-110030
2. The Ex Engineer (Bldg), HQ, Building Department, S.D.M.C., Civic Centre, Minto Road, New Delhi-110002

Conditions for the validity of Fire Safety Certificate

1. All the fire safety and means of escape facilities shall be maintained in good working condition at all time. Any lapse rendering the fire safety or means of evacuation facilities non-functional shall be the responsibility of the management.
2. Building Sanctioning authority may verify any deviation with regard to construction/occupancy in the building. In case of any deviation, the fire safety certificate stands null & void.
3. The staff shall be trained for operating fire fighting system and mock evacuation drill be conducted at regular interval and record be maintained.
4. The basement shall be used strictly as per the provisions of Building Bye Laws.
5. 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.
6. The Owner/Occupier shall apply for renewal of this Fire Safety Certificate to the Director in the form 'J' [sub rule (1) of rule 37] along with copy of this certificate, six months prior to its expiry. The form is available on www.dfs.delhigovt.nic.in.

INSPECTION REPORT

1	Name & Address of the Building	National Institute of Tuberculosis & Respiratory Disease (Autonomous Institute under the Ministry of Health & Family Welfare, Government of India), Sri Aurobindo Marg (Near Qutub Minar), New Delhi-30		
2	Type of Occupancy	Institutional Building (Hospital)		
3	Building Comprised of	Ground plus three upper floors		
4	Type of Case	Renewal		
5	Details of Previous NOC	F6/DFS/MS/2013/Hospital//117 dated 25.03.2013		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2000/1113 dated 26.06.2000		
7	Date of Inspection	02.01.2017		
8	Name of the Inspecting Officers	ADO R.N. Singh		
9	Name & Designation of Officers from the building side	Mr. Nikhil Agnihotri (Asstt. Engineer)		
10	Year of construction	2001		
11	Applicant letter No.	Maintenance/ 2016/10571 dated 19.12.2016		
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.			
	1. Road width	6 m	6 m	MR
	2. Gate width	5 m	5 m	MR
	3. Width of internal road	6 m	6 m	MR
2	Number, width, type and arrangements of exits.			
	a. Number of Staircase			
	1. Upper floors	3 Nos.	3 Nos.	MR
	2. Basement floor	NA	NA.	NA
	b. Width of Staircase			
	1. Upper floors	2 m	2 m each	MR
	2. Basement floor	NA	NA	NA
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	NA	NA	NA
	d. No. of continuous staircase to terrace	2 Nos.	2 Nos.	MR
	e. Width of corridor	2 m	2.5 m	MR
	f. Door size	2 m	2 m	MR
3	Compartmentation.			
	1. Fire check door.	NA	NA	NA
	2. Sealing of electrical shafts.	NA	NA	NA
	3. Fire rating of shaft door.	NA	NA	NA
	4. Water curtain	NA	NA	NA
	5. 5. Fire dampers.	NA	NA	NA
4.	Smoke Management system.			
	1. Basement	NA	NA	NA
	2. Upper floors	12 a/c per hour	Natural Ventilation	MR
5.	Fire Extinguishers.			
	1. Total numbers	ISI marked	118 Nos.	MR
	2. Types		ABC, DCP, Co2, WC	MR
	3. ISI Marking		Provided	MR
6.	First Aid Hose Reels.			
	1. Total numbers on each floor.	Hose Reel	2 Nos.	MR
	2. Length of hose-reel hose.		30 Mts.	MR
	3. Nozzle Diameter		5 mm	MR

Renewal

National Institute of TB & RD, Sri Aurobindo Marg, ND-30

b.

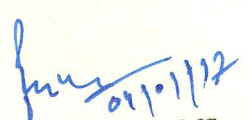
7	Automatic Fire Detection and Alarming system.			
	1. Type of detectors	Smoke	Provided	MR
	2. Location of Main Panel	G. Floor	Ground floor	MR
	3. Location of Repeater Panel	NA	NA	NA
	4. Alternate source of power	Required	Provided	MR
	5. Hooter's location	Each Floor	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	1. Basement	NA	NA	NA
	2. Upper floors	NA	NA	NA
	3. Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants.			
	1. Size of Riser/Down-comer	100 mm	Provided	MR
	2. Number of Hydrant per floor	2 Nos.	2 Nos.	MR
	3. Hose box.	2 Nos.	2 Nos.	MR
12.	Yard Hydrants.			
	1. Total number of hydrants.	14 Nos.	14 Nos.	MR
	2. Hose box.	10 Nos.	10 Nos.	MR
13.	Pumping arrangements.			
	a) Ground Level			
	➤ Discharge of main pump.	2850 LPM	2850 LPM	MR
	➤ Head of main pump.	70 m	70 m	MR
	➤ Number of main pumps.	1 No	1 No	MR
	➤ Jockey Pump output.	180 LPM	180 LPM	MR
	➤ Jockey Pump head.	70 m	70 m	MR
	➤ Standby Pump output.	2850 LPM	2850 LPM	MR
	➤ Standby Pump head.	70 m	70 m	MR
	➤ Auto Starting/Manual Stopping.	Required	Provided	MR
	b) Terrace Level			
	➤ Discharge of pump.	900 LPM	900 LPM	MR
	➤ Head of pump.	30 m	30 m	MR
	➤ Power supply.	Required	Provided	MR
	➤ Auto starting of pump.	Required	Provided	MR
14.	Captive water storage for Fire Fighting.			
	1. Underground tank capacity.	2,00,000 Ltr.	2,00,000 Ltr.	MR
	2. Draw-off connection.	Required	Provided	MR
	3. Fire Service Inlet.	Required	Provided	MR
	4. Access to tank.	Required	Provided	MR
	5. Overhead tank capacity.	10,000 Ltr.	10,000 Ltr.	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	1. Pressurization of lift shaft.	NA	NA	NA
	2. Pressurization of lift lobby.	NA	NA	NA
	3. Communication in lift car.	Required	Provided	MR
	4. Fireman's switch.	Required	Provided	MR
	5. Lift signage.	Required	Provided	MR
17	Standby Power Supply	Required	Provided	MR
18.	Refuge Area			
	1. Total area	NA	NA	NA
	2. Location	NA	NA	NA

19.	Fire Control Room. 1. Detector System Panel. 2. Flow Switch Panel. 3. PA system Panel. 4. Battery backup 5. Building floor plan	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
20.	Special Fire Protection System for the Protection of special Risk, if any :	NA	NA	NA

The Fire protection systems provided in the building were randomly checked /tested and found functional at the time of inspection. The shortcomings communicated vide letter no. F.6/DFS/MS/Hospital /SZ/2016/2274 dated 23/09/16 have been complied ✓

In view of the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the FSC issued vide letter No. F6/DFS/MS/Hospital/117 dated 25/03/2013, renewal under rule 37 of the Delhi Fire Service rules, 2010 is recommended.

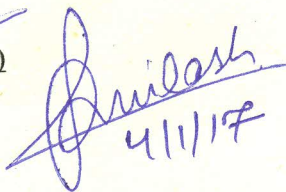
Accordingly, DFA is put up for approval and signature please.

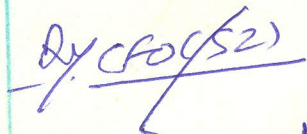

 Signature of the Inspecting Officer
 Name : R.N. Singh
 Designation: ADO

Renewal

National Institute of TB & RD, Sri Aurobindo Marg, ND-30

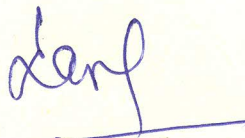
Div. Officer (SD)

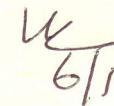

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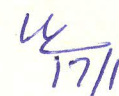


525/CFO S2
12/11/17-19/11


6/1 F/101

CFO(S2) M. S. Cell 
6/1

F.T letter is put up for sign job

CFO/S2
M.S. Cell 
17/11


16/11