

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

NO. F-6/DFS/MS/2013/884

Dated: 09/09/2013

FIRE SAFETY CERTIFICATE

Certified that the High rise block, V. B. Patel Chest Institute is comprised of Ground + seven upper floors located at Maurice Nagar Delhi University, Delhi was granted NOC, by this department vide letter no. F-6/DFS/MS/2004 /1198 dated 26/07/2013. The premises was re-inspected by the officer from this department on dated 26/07/2013 in the presence of Sh. Arun J. E. and observed that the said premise have deemed complied with the fire prevention & fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rule, 2010 and that the premises is fit for occupancy class business building group 'E' 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

Conditions for the validity of Fire Safety Certificate:

1. All the fire safety arrangement provided there-in shall be maintained in good working conditions at all times.
2. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. This certificate cannot be treated in any case for regularizations of unauthorized construction
6. 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

Issued on 09/09/13 at New Delhi by

Copy to :-

Deputy Registrar

P. R. Sathyanam


(SANTOKH SINGH)
Chief Fire Officer
Delhi Fire Service
Ph: 011-23414250
cfowz.dlfire@nic.in

9c



N152

To verify compliance of the building under 12 minimum fire safety standards.

INSPECTION REPORT

1. Name & address of the building: *High rise block, V.B. Patel Chest Institute, Maulana Azad, Delhi University, Delhi*
2. Type of Occupancy: *Administrative purposes + Research*
3. Type of Case: *New Case / Renewal*
4. Details of previous NOC: *F.G./MS/DFS/2004/1198 DT: 3.6.04*
5. Fire Safety directives letter No: *-*
6. Date of inspection: *26.7.13*
7. Name of the Inspecting Officers: *Nipin Kental*
8. Name and designation of officers from the building side: *Sh. Arun, J.E*
9. Year of Construction: *After 1949*
10. Applicant's letter No: *10th July 2013*

	Minimum Standards on fire prevention and fire safety U/R 33	12 NBC basic Requirement <i>fire safety standards</i>	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	<i>6 mth</i>	<i>P</i>	<i>M/R</i>
	• Gate width	<i>old case</i>	<i>old case</i>	<i>old case (NOC already issued)</i>
	• Width of internal road	<i>6 mth</i>	<i>provided on front side only</i>	<i>- " -</i>
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	<i>Three</i>	<i>Provided</i>	<i>M/R</i>
	• Basements	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
	b. Width of staircases			
	• Upper Floors	<i>old case</i>	<i>(i) 1.40 mth (ii) 1.08 mth</i>	<i>old case</i>
	• Basements	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
	c. Protection of exits			
	• Fire check door	<i>R</i>	<i>P</i>	<i>M/R</i>
	• Pressurization	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
	e. No. of continuous staircases to terrace	<i>one</i>	<i>P</i>	<i>M/R</i>
	g. Width of Corridor	<i>2.50 mth</i>	<i>P</i>	<i>M/R</i>
	h. Door Size	<i>1 mth</i>	<i>2.00 mth 1.00 mth</i>	<i>M/R</i>
3	Compartmentation.			
	• Fire check door	<i>R</i>	<i>P</i>	<i>M/R</i>
	• Sealing of electrical shafts	<i>N/A</i>	<i>no electric shaft</i>	<i>N/A</i>
	• Fire Rating of shaft door	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>
	• Water Curtain	<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

5	Fire Extinguishers	<ul style="list-style-type: none"> Total numbers Types IS marking 	<p>Water - 14 ABC type - 14</p>	ISI marked	<p>Water - 21 ABC type - 21 CO2 - 21</p>	MIR
6	First-Aid Hose Reels.	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	<p>Two</p> <p>30 m</p> <p>5 mm</p>		<p>P</p> <p>P</p> <p>P</p>	<p>MIR</p> <p>MIR</p> <p>MIR</p>
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 	<p>B</p> <p>G.F</p> <p>N.A</p> <p>R</p> <p>Common areas</p>		<p>P</p> <p>P</p> <p>N.A</p> <p>P</p> <p>P</p>	<p>MIR</p> <p>MIR</p> <p>N.A</p> <p>MIR</p> <p>MIR</p>
8	MOEFA				P	MIR
9	Public Address System.		R		P	MIR
10	Automatic Sprinkler System.	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	<p>N.A</p> <p>N.A</p> <p>N.A</p>		<p>N.A</p> <p>N.A</p> <p>N.A</p>	<p>N.A</p> <p>N.A</p> <p>N.A</p>
11	Internal Hydrants	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	<p>100 mm</p> <p>2</p> <p>2</p>		<p>P</p> <p>P</p> <p>P</p>	<p>MIR</p> <p>MIR</p> <p>MIR</p>
12	Yard Hydrants.	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	<p>2</p>		<p>3</p>	<p>MIR</p>
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 Terrace level 	<p>2280 LPM</p> <p>2</p> <p>180 LPM</p> <p>2280 LPM</p> <p>R</p>		<p>P</p> <p>P</p> <p>P</p> <p>P</p> <p>P</p>	<p>MIR</p> <p>MIR</p> <p>MIR</p> <p>MIR</p> <p>MIR</p>

N/34

14	Captive Water Storage for fire fighting.			
	• Underground tank capacity	1,00,000 ltr	P	M/R
	➤ Draw-off connection	R	P	M/R
	➤ Fire service inlet	R	P	M/R
	➤ Access to tank			
	• Overhead Tank capacity			
15	Exit Signage.	R	P	M/R
16	Provision of Lifts.			
	• Pressurization of Lift Shaft	N/A	N/A	N/A
	• Pressurization of Lift lobby	N/A	N/A	N/A
	• Communication In lift Car	R	P	M/R
	• Fireman's Grounding Switch	R	P	M/R
	• Lift Signage	R	P	M/R
17	Standby power supply			
18	Refuge Area.			
	➤ Total Area		N/A	
	➤ Location			
19	Fire Control Room			
	• Detector System Panel	R	P	M/R
	• Flow Switch Panel	-	-	-
	• PA System Panel	R	P	M/R
	• Batter backup	R	P	M/R
	• Building Floor Plans			
20	Special Fire Protection Systems for Protection of special Risks, if any:	-	MT panels, transformers in separate bldg.	-

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

Signature of the Inspecting Officer

Name *VIPIN KENTAR*

Designation *DCFO.*

Please examine RSC