## GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE NEW DELHI-110 001.

No.F.6/DFS/MS/2017/SZ / 112

Dated: 25/1/19

## **FIRE SAFETY CERTIFICATE**

Certified that the **M.S. Building**, NPL Colony, New Rajinder Nagar, New Delhi comprised of basement, ground plus nine upper floors owned/occupied by National Physical Laboratory was issued NOC by this department vide letter no. F.6/DFS/MS/89/1108 dated 16.06.1989. The residential building was reinspected by the officers concerned of this department on 30.12.2016 in the presence of Sh. Ajmer Singh (Security Officer) and found that National Physical Laboratory 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/ premises is fit for occupancy class "Residential" w.e.f. the date of issue of this certificate 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 printed as below.

(VIPIN KENTAL)
CHIEF FIRE OFFICER

Copy to:-

The Director, CSIR, NPL, M.S. Building, NPL Colony, New Rajinder Nagar, 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. The means of escape shall be kept unlocked and unobstructed for unhindered evacuation of occupants in case of emergency.
- 3. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
- 4. The trained staff should be available round the clock.
- 5. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
- 6. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
- 7. Basement shall be used as per the building bye laws.
- 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.delhigovt.nic.in.
- 9. 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 a copy of this Certificate, six months prior to its expiry.

## INSPECTION REPORT

1. Name & address of the building: M.S. Building, NPL Colony, New Rajinder Nagar, New Delhi

2. Type of Occupancy : Residential

3. Type of Case : N/A

4. Details of Previous NOC : F.6/DFS/MS/89/1108 dated 16.06.1989
5. Fire Safety directives letter No : F.C/DFS/MS/BP/93/887 dated 20.05.1993

6. Date of inspection : 30.12.2016

7. Name of Inspecting Officer : D.O. M.K. Chattopadhyay and A.D.O. Sandeep Duggal

8. Name and designation of officers

From the building side : Sh. Ajmer Singh (Security Officer)

9. Year of Construction : Before 1977

10. Applicant's letter No. : Sec/Fire/01/2016 dated 18.10.2016

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	Requirement as per NOC dt. 16.06.1989	Provided at site	Remarks MR/NMR		
1.	Access to building					
•	Road width	06 mtrs	09 mtrs	M/R		
	Gate width	N/A	Directly accessible from road	N/A		
	Width of internal road	N/A	N/A	N/A		
2.	Number, Width, Type & Arrangement of Exits					
	a. Number of staircases		*			
	Upper Floors	Old case	01 no.	M/R, being old case		
	Basements	Old case	01 no. & 01 ramp	M/R, being old case		
	b. Width of staircases					
		Old case	100 cms	M/R, being old case		
	<ul><li>Upper Floor</li><li>Basements</li></ul>	Old case	100 cms & 150 cms ramp	M/R, being old case		
	c. Protection of exits		-			
	Fire check door	N/A	N/A	N/A		
	<ul> <li>Pressurization</li> <li>d. No. of continuous staircases to</li> </ul>	N/A	N/A	N/A		
	terrace	N/A	One	N/A		
	e. Width of Corridor	N/A N/A	N/A	N/A N/A		
	f. Door Size	N/A N/A	N/A N/A	N/A N/A		
3.	Compartmentation		1 T T T T T T T T T T T T T T T T T T T	*		
	Fire check door	N/A	N/A	N/A		
	Sealing of electrical shafts	N/A	N/A	N/A		
	Fire Rating of shaft door	N/A	N/A	N/A		
	Water Curtain	N/A	N/A	N/A		
	Fire Dampers	N/A N/A	N/A N/A	N/A N/A		
4.	Smoke Management System	14/11	14/71	14/71		
	Basements	N/A	N/A	N/A		
	Upper floors	Required	Natural Ventilation	M/R		
5.	Fire Extinguishers					
	Total numbers	22 no.'s	Provided	M/R		
	Total numbers     Types		Provided	M/R		
	• IS marking	WCO <sub>2</sub> /ABC type ISI marked	Provided	M/R		
6.	First-Aid Hose Reels					
	Total numbers on each floor	One/ floor	Provided	M/R		
	<ul> <li>Length of hose reel hose</li> </ul>	30 m	Provided	M/R		

7	Automatic fire detection and clarming of		ine apper moore	
7	<ul> <li>Automatic fire detection and alarming s</li> <li>Type of detectors</li> </ul>	Smoke/Heat	Provided	MR
	Location of Main Panel	N/A	G. Floor	N/A
	Location of Repeater Panel	N/A	N/A	N/A
	Alternate source of power	N/A	Provided	N/A N/A
	Hooters' Location	N/A	At exit	N/A
8.	MOEFA	Required	Provided	M/R
0.	MOEFA	-		
9.	Public Address System	N/A	N/A	N/A
10.	Automatic Sprinkler System	N/A	N/A	N/A
	Basement	N/A N/A	N/A N/A	N/A N/A
8	<ul><li> Ground Floor</li><li> Sprinkler above false ceiling</li></ul>	N/A	N/A	N/A
11.	Internal Hydrants	IN/A	IV/A	IVA
		01 No. per floor	Provided	M/R
	Size of riser/down-comer	01 No. per floor	Provided	M/R
	<ul><li>Number of hydrants per floor</li><li>Hose Box</li></ul>	01 No. per floor	Provided	M/R
12.	Hose Box  Yard Hydrants	or no. per moor	Tiovided	IVI/IC
-2.	Total number of hydrants	N/A	N/A	N/A
	Hose Box	N/A	N/A	N/A
13.	Pumping Arrangements			
	Ground Level			
	Discharge of main Pump	N/A	N/A	N/A
	> Head of Main pump	N/A	N/A	N/A
	<ul><li>Number of main pumps</li><li>Jockey Pump out put</li></ul>	N/A	N/A	N/A
>	> Jockey pump head	N/A	N/A	N/A
	<ul><li>Standby Pump out put</li></ul>	N/A	N/A	N/A
	> Standby Pump Head	N/A	N/A	N/A
	Auto Starting/Manual	N/A	N/A	N/A
5e	Stopping	N/A		N/A
	> Pump House Access	N/A	N/A	N/A
	Terrace level	13/11		
В	Discharge of pump	450 LPM	Provided	M/R
	Head of the pump	30 mtrs	Provided	M/R
	Power Supply	N/A	N/A	N/A
	➤ Auto Starting of pump	N/A	N/A	N/A
14	Captive Water Storage for fire fighting			
14.	Underground tank capacity	N/A	N/A	N/A
	> Draw-off connection	N/A	N/A	N/A
,	Fire service inlet	N/A	N/A	N/A
	Access to tank	N/A	N/A	N/A
	Overhead Tank capacity	25000 Ltrs	Provided	M/R
	,	Required	Provided	M/R
15.	Exit Signage.	<u> </u>	4.41	
16.	Provision of Lifts.		5. W	\$ - 1 m
	Pressurization of Lift Shaft	N/A	N/A	N/A
	Pressurization of Lift lobby	N/A	N/A	N/A
	Communication In lift Car     Singular Societa	N/A	N/A	N/A
	<ul><li>Fireman's Grounding Switch</li><li>Lift Signage</li></ul>	Required	Provided	M/R
	- Litt Signage	N/A	N/A	N/A
17.	Standby power supply	N/A	N/A	N/A
10	Refuge Area.			
18.		N/A	N/A	N/A
	> Total Area	IN/FA	11/11	

Building is comprised of basement, ground plus nine upper floors

19.	Fire Control Room	N/A	N/A	N/A
	<ul> <li>Detector System Panel</li> <li>Flow Switch Panel</li> <li>PA System Panel</li> <li>Battery backup</li> <li>Building Floor Plans</li> </ul>	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
20.	Special Fire Protection System for Protection of special Risks, if any:		-	

The fire protection systems provided in the building were tested, checked and found functional at the time of inspection and shortcomings issued vide letter no. ADO/JKP(SD)/148 dated 03.05.2016 has been complied.

In view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the NOC issued vide letter number <u>F.6/DFS/MS/89/1108</u> dated <u>16.06.1989</u> renewal under rule 37 of the Delhi Fire Service Rules 2010 is recommended.

Signature of Inspecting Officer

Name: - M.K. Chattopadhyay

Designation:- Divisional Officer

Signature of Inspecting Officer

Name: - Sandeep Duggal

Designation:- Asstt. Divisional Officer

Dy.CFO (South Zone)

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m-scell

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