

FORM 'H' : FORM FOR ISSUING FIRE SAFETY CERTIFICATE

[See sub-rule (1) of rule 35]

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI

HEADQUARTERS: DELHI FIRE SERVICE, NEW DELHI-110001

No. DFS/MS/West/ 2016/345

Dated: 03/03/2016

FIRE SAFETY CERTIFICATE

Certified that the **DMRC Staff Housing Quarter** at Mundka, Phase-III of DMRC (Near Mundka Train Depot.), Delhi-41 comprised of two blocks of Stilt + 9 Floors and one block of G+2 Floors only, owned / occupied by **Delhi Metro Rail Corporation**, have complied with the Fire prevention and Fire Safety requirements in accordance with rule 33 of the Delhi Fire Service rules 2010 and verified by the officer concerned of Fire Service on 02.02.2016 in presence of Sh. Kailash Dubey (J.E.) and that the building / premises is fit for occupancy class **Residential (Group – A)** with effect from 03 / 03 /2016 for a period of Five Years in accordance with rule 36 unless renewed under rule 37 or sooner cancelled under Rule 40 and subject to compliance of conditions under 38 of the Delhi Fire Service rules, 2010.

Issued on 03/03/16 at New Delhi.



(Dr. G.C. MISHRA)

CHIEF FIRE OFFICER
Phone No. 011-23414333.

Copy to :-

1. Sh. S.K. Rajoria, Dy. General Manager (Electrical), DMRC, Opp. Frank Anthony Public School, Lala Lajpat Rai Marg, Lajpat Nagar-IV, New Delhi-110024.

Conditions for the validity of Fire Safety Certificate:

1. All the fire safety arrangement provided their 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

1. Name & address of the building: DMRC Staff Housing Quarter at Mundka, Phase-III of DMRC (Near Mundka Train Depot.), Delhi-41.
2. Type of Occupancy : Residential
3. Type of Case : New

Two Blocks of Stilt + 9 upper Floors
&
One block of G+2 Floors
4. Details of previous NOC : Nil
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2014/124 dated 08/05/2014
6. Date of inspection : 02/02/2016
7. Name of the Inspecting Officer : A. K.-Jaiswal A.D.O. (Jwp.)
8. Name and designation of Officer
from the building side : Mr. Kailash Dubey (J.E.)
9. Year of Construction : 2015
10. Applicant's letter No. : - DMRC Mundka SQ/DFS/2016, 09 Jan. 2016

S No	Minimum standards on fire prevention and fire safety U/R 33	NBC Part-IV Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	12 mtr.	15.00 mtr.	MR
	• Gate width	4.5 mtr.	6.00 mtr.	MR
	• Width of internal road	6.00 mtr.	6.00 mtr.	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	2	Provided	MR
	• Basements	NA	NA	NA
	b. Width of staircases			
	• Upper floors	1.50 mtr.	Provided	MR
	• Basements	NA	NA	NA
	c. Protection of exits			
	• Fire check door	NR	NR	NR
	• Pressurization	NR	NR	NR
	d. No of continuous staircase to terrace	2	Provided	MR
	e. Width Of Corridor	NA	NA	NA
	f. Door Size	1.50 mtr	Provided	MR
3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	2 hrs.	Provided	MR
	• Water Curtain	NR	NR	NR
	• Fire Dampers	NR	NR	NR
4.	Smoke managements System			
	• Basements	NA	NA	NA
	• Upper floors	Required	Provided	MR
5.	Fire Extinguishers			
	• Total numbers	48	50	M/R
	• Types	ISI marked	Provided	M/R

	• Total numbers on each floor	One at each Floor	Provided	MR
	• Length of hose reel hose	30mtr.	Provided	MR
	• Nozzle diameter	5 mm	Provided	MR
7.	Automatic fire detection and alarming system			
	• Type of detector	NR	NR	NR
	• Location of Main Panel	NR	NR	NR
	• Location of Repeater Panel	NR	NR	NR
	• Alternate source of power	NR	NR	NR
	• Hooters' Location	NR	NR	NR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	NR	NR	NR
10.	Automatic Sprinkler System			
	• Basements	NR	NR	NR
	• Upper Floor	NR	NR	NR
	• Sprinkler above false ceiling	NR	NR	NR
11.	Internal Hydrants			
	• Size of riser/down-comer	100 mm	Provided	MR
	• Number of hydrants per floor	One	Provided	MR
	• Hose Box	Required	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	NR	NR	NR
	• Hose Box	NR	NR	NR
13.	Pumping Arrangements			
	• Ground Level	N/A		
	• Discharge of main pump	NR	NR	NR
	➤ Head of main pump	NR	NR	NR
	➤ Number of main pumps	NR	NR	NR
	➤ Jockey pump out put	NR	NR	NR
	➤ Jockey pump head	NR	NR	NR
	➤ Standby Pump out put	NR	NR	NR
	➤ Standby Pump Head	NR	NR	NR
	➤ Auto Starting/Manual stopping	NR	NR	NR
	➤ Pump House Access	NR	NR	NR
	• Terrace level			
	➤ Discharge of pump	900 LPM	Provided	MR
	➤ Head of the pump	40 MH	Provided	MR
	➤ Power supply	Required	Provided	MR
	➤ Auto starting of pump	Required	Provided	MR
14.	Captive water Storage for fire fighting			
	• Underground tank capacity	NR	NR	NR
	➤ Draw of connection	NR	NR	NR

N/3

15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	➤ Pressurization of Lift Shaft	NR	NR	NR
	➤ Pressurization of lift lobby	NR	NR	NR
	➤ Communication in lift Car	Required	Provided	MR
	➤ Fireman's Grounding Switch	Required	Provided	MR
	➤ Lift Signage	Required	Provided	MR
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area	N/A	N/A	
	➤ Total area	N/A	N/A	N/A
	➤ Location	N/A	N/A	N/A
19.	Fire control room			
	➤ Detector system panel	N/A	N/A	N/A
	➤ Flow Switch Panel	N/A	N/A	N/A
	➤ PA System Panel	N/A	N/A	N/A
	➤ Battery backup	N/A	N/A	N/A
	➤ Building Floor Plans	N/A	N/A	N/A
20.	Special Fire Protection Systems for Protection of special Risks, if any;	N/A	N/A	N/A

Note:- MCB / ELCB and metal conduit wiring (Concealed wiring) have been Provided.
The fire protection systems provided in the building were tested, checked and found functional at the time of inspection.

Keeping in view of the substantial compliance of the minimum standards of 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 is recommended.

Ak jaiswal
4/2/16

Signature of the Inspecting Officer

Name : Ashok Kumar Jaiswal

Designation : A.D.O. (Jwala Puri)