

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS : DELHI FIRE SERVICE : NEW DELHI - 110001**

No. F6/DFS/MS/2017/

689

Dated:-

15/5/17

FIRE SAFETY CERTIFICATE

Certified that the **New Delhi Underground Metro Station** located at **New Delhi** comprised **ground floor with two basements (Concourse and Platform)** was granted NOC by this department vide letter **F6/DFS/MS/2005/DMRC/1378 dated 27/06/2005**. The premises was re-inspected by the officer concerned of this department on 24 -01-2017 in the presence of Sh. Vikas Bhardwaj (AM/Fire) and found that the said Metro Station 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 premises is fit for occupancy class **Assembly Building** with effect from ~~-----~~15/5/2017 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 on15/5/17..... at New Delhi by.

12/5

(Vipin Kental)
Chief Fire Officer
Delhi Fire Service

Copy to:-

1. Mr. Rajesh Agrawal,
Sr.DGM/E&M,
Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi.

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Condition for the validity of fire safety certificate

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
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
7. The means of escape shall be kept unobstructed / unlocked for unhindered evacuation in case of an emergency.
8. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in form 'J' [sub rule (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry".

INSPECTION REPORT

1. Name & address of the building : New Delhi Underground Metro Station,
New Delhi.
2. Type of Occupancy : Assembly building (D7as Per NBC Part IV 2005)
3. Type of Case : Renewal
4. Details of previous NOC : F6/DFS/MS/2005/1378 dated 29/06/2005
5. Fire Safety directives Letter No. : N/A
6. Date of inspection : 24/01/2017
7. Name of the Inspecting Officer : Sh. G. S. Chauhan DO/CD &
Sh. M.K. Sharma ADO/CC
8. Name and designation of Officer
from the building side : Sh. Vikash Bhardwaj (Fire Officer)
9. Year of Construction : 2005
10. Applicant's letter No. : DMRC/O&M/Fire/NOC/L-2/2016/57 dated 23/12/2016

S.No.	Minimum Standards on fire Prevention and fire safety U/R 33	NBC NFPA Requirement	Provided at site	Remarks MR/NMR
1.	Access to Building			
	1) Road width	12 mtr.	12 mtr.	MR
	2) Gate width	2 mtr.	4 mtr.	MR
	3) Width of internal road	N/A	N/A	N/A
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	05 Nos.	05 Nos.	MR
	2. Basements	04 Nos.	04 Nos.	MR
	B. Width of staircase			
	1. Upper floors	02 mtr.	05 Nos. 02 mtr. Ground to Concourse	MR
	2. Basements	02 mtr.	04 Nos. 02 mtr. Concourse to platform)	MR
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	MR
	D. No. of continuous staircase to terrace			
		01	02	MR
	E. Width of corridor			
		2 mtr.	2.2 mtr.	N/A
	F. Door size			
		1.5 mtr.	1.5 & 1.75mtr.	N/A
3.	Compartmentation			
	1) Fire check door	Required	Provided	MR
	2) Sealing of electrical shafts	Required	Provided	MR
	3) Fire rating of shaft door	Required	02 hrs. Provided	MR
	4) Fire curtain	N/A	N/A	N/A
	5) Fire Dampers	Required	Provided	MR

4.	Smoke Management System			
	1) Basements	30 a/c per hour	Provided	MR
	2) Upper floors	12 a/c per hour	Provided	MR
5.	Fire Extinguishers			
	1) Total numbers	77 Nos.	77 Nos.	MR
	2) Types	ABC, DCP & CO2	Provided	MR
	3) ISI marking	ISI	Provided	MR
6.	First-Aid Hose Reel			
	1) Total number of each floor	1 Nos.	03 Nos. concourse, 04 Nos. on platform 08 Nos. Back of house 02 Nos. Ancillary bidg.	MR
	2) Length of hose reel hose	30 mtr.	30 mtr.	MR
	3) Nozzle diameter	05 mm	05 mm	MR
7.	Automatic Fire Detection & Alarming System			
	1) Type of detectors	Smoke & Heat	Provided	MR
	2) Location of main panel	Required	Provided at station control room	MR
	3) Location of repeater panel	Required	Provided at concourse level	MR
	4) Alternate source of power	Required	D.G set Provided	MR
	5) Hooter's Location	Required	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	1) Basement	Required	Provided	MR
	2) Upper floors	N/A	N/A	N/A
	3) Sprinkler above false ceiling	N/A	N/A	N/A
11.	Internal Hydrants			
	1) Size of riser/down-comer	100 mm.	100 mm	MR
	2) Number of hydrants per floor	Required	01 at each level	MR
	3) Hose box per floor	Required	01 at each level	MR
12.	Yard Hydrants			
	1) Total number of hydrants	N/A	N/A	N/A
	2) Hose box	N/A	N/A	N/A
13.	Pumping Arrangement			
	1) Ground level			
	a) Discharge of main pump	2850LPM	2850LPM	MR
	b) Head of main pump	70 mtr.	70 mtr.	MR
	c) Number of main pump	2 No.	2 No.	MR
	d) Jockey pump out put	180 LPM	180 LPM	MR
	e) Jockey pump head	110 mtr.	110 mtr.	MR
	f) Stand by pump output	2850LPM	2850LPM	MR
	g) Stand by pump head	70 mtr.	70 mtr.	MR
	h) Auto starting/Manual stopping	Required	Provided	MR
	2) Terrace level			
	a) Discharge of pump	N/A	N/A	N/A

	b) Head of pump	N/A	N/A	N/A
	c) Power supply	N/A	N/A	N/A
	d) Auto starting of pump	N/A	N/A	N/A
14.	Captive Water Storage for Fire Fighting			
	1) Under ground tank capacity	N/A	N/A	N/A
	a) Draw-off connection	Required	Provided	MR
	b) Fire service inlet	Required	Provided	MR
	c) Access to tank	N/A	N/A	N/A
	d) Over head tank capacity	1,00,000 ltr.	2,00,000 ltr.	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	a) Pressurization of lift shaft	N/A	N/A	N/A
	b) Pressurization of lift lobby	N/A	N/A	N/A
	c) Communication in lift car	Required	Provided	MR
	d) Fireman's switch	Required	Provided	MR
	e) Lift signage	Required	Provided	MR
17.	Stand by Power Supply	Required	Provided	MR
18.	Refuge Area	N/A	N/A	N/A
	Total area location	N/A	N/A	N/A
19.	Fire Control Room			
	a) Detector system panel	Required	Provided	MR
	b) Flow switch panel	Required	Provided	MR
	c) PA system panel	Required	Provided	MR
	d) Battery backup	Required	Provided	MR
	e) Building floor plan	Required	Provided	MR
20.	Special Fire Protection System for Protection of special Risk, if any: Inergen gas flooding system protection provided for ASS & UPS rooms.			MR

The fire protection systems provided in the building were randomly tested, 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, grant of fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010 / is recommended please.

Signature of the Inspecting Officer

Name :- G.S Chauhan
Designation :- DO (CD)

Signature of the Inspecting Officer

Name :- M.K. Sharma
Designation :- ADO (CC)

By CRO (ADZ)

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why so late.

C.F.D. Please. 3/3.