

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

No. F6/DFS/MS/DMRC/NDZ/2017/ 77

Dated:- 10/01/18

FIRE SAFETY CERTIFICATE

Certified that the **Pragati Maidan Metro Station at New Delhi** comprised of Ground Level + Concourse Level + Plate form Level + Level 1st (Office) + Level 2nd (Office) and Level 3rd (Office) owned/occupied by DMRC, was granted FSC by this department vide letter **F6/DFS/MS/2013/NDZ/577 dated 19/07/2013**. The premises was re-inspected by the officer concerned of this department on 08/12/2017 in the presence of Mr. Vaibhav (Fire Officer) and found that the said premises 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 **D (Assembly-Metro Station)** with effect from ~~10/01/18~~ 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 10/01/18 at New Delhi by.


(Vipin Kental)
Chief Fire Officer
Delhi Fire Service

Copy to:-

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

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".

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INSPECTION REPORT

1. Name & address of the building : Pragati Maidan, 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 FSC : F6/DFS/MS/2013/NDZ/577 dated 19/07/2013
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2006/703 dated 22/03/2006
6. Date of inspection : 08/12/2017
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-2/2016/23 dated 23/05/2016

S.No.	Minimum Standards on fire Prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1.	Access to Building			
	1) Road width	09 mtr.	More than 09 mtr.	MR
	2) Gate width	6 mtr.	6 mtr.	MR
	3) Width of internal road	6 mtr.	6 mtr.	MR
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	04 Nos.	04 Nos. Concourse to Platform	MR
	2. Basements	N/A	N/A	N/A
	B. Width of staircase			
	1. Upper floors	02 mtr. each	03 mtr. ground to concourse	MR
	2. Basements	N/A	N/A	N/A
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	N/A	N/A	N/A
	D. No. of continuous staircase to terrace			
		N/A	N/A	N/A
	E. Width of corridor			
		N/A	N/A	N/A
	F. Door size			
		1.5 mtr.	1.5 mtr.	MR
3.	Compartmentation			
	1) Fire check door	Required	Provided	MR
	2) Sealing of electrical shafts	Required	Provided	MR
	3) Fire rating of shaft door	N/A	N/A	N/A
	4) Fire curtain	N/A	N/A	N/A
	5) Fire Dampers	N/A	N/A	N/A

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4.	Smoke Management System			
	1) Basements	30 a/c per hour	N/A	N/A
	2) Upper floors	12 a/c per hour	N/A	N/A
5.	Fire Extinguishers			
	1) Total numbers	30 Nos.	Provided	MR
	2) Types	ABC & CO2	Provided	MR
	3) ISI marking	ISI	Provided	MR
6.	First-Aid Hose Reel			
	1) Total number of each floor	3 Nos.	3 Nos.	MR
	2) Length of hose reel hose	45 mtr.	36 mtr.	MR
	3) Nozzle diameter	05 mm	05 mm	MR
7.	Automatic Fire Detection & Alarming System			
	1) Type of detectors	Smoke	Provided	MR
	2) Location of main panel	Required	Provided	MR
	3) Location of repeater panel	Required	Provided	MR
	4) Alternate source of power	Required	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	N/A	N/A	N/A
	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	Required 100 mm.	Provided	MR
	2) Number of hydrants per floor	Required	Platform -05Nos. & concourse -03 Nos.	MR
	3) Hose box per floor	Required	Provided	MR
12.	Yard Hydrants			
	1) Total number of hydrants	Required	Provided 04 Nos.	MR
	2) Hose box	Required	Provided 04 Nos.	MR
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	70 mtr.	70 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

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	d) Auto starting of pump	N/A	N/A	N/A
14.	Captive Water Storage for Fire Fighting			
	1) Under ground tank capacity	1,00,000 ltrs.	1,20,000 ltrs.	MR
	a) Draw-off connection	Required	Provided	MR
	b) Fire service inlet	Required	Provided	MR
	c) Access to tank	Required	Provided	MR
	d) Over head tank capacity	Required	Provided	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: Co₂ trace tube fire extinguisher found provided for HT/LT elect. panel			MR

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection.

Shortcomings communicated vide letter No. F6/DFS/MS/2016/1611 dated 27/06/2016 have been rectified. ✓

In view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the FSC issued vide letter no. F6/DFS/MS/2013/NDZ/577 dated 19/07/2013 renewal under rule 35 of the Delhi Fire Service rules 2010, is recommended.

Signature of the Inspecting Officer

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

Signature of the Inspecting Officer

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

Dy CEO (ADZ)

Cat. P.

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