

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

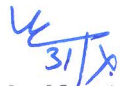
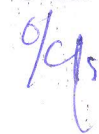
No. F6/DFS/MS/2018/NDZ/ 2448

Dated: 31/10/18

FIRE SAFETY CERTIFICATE

Certified that the Preet Vihar Metro Station (Line-4) Delhi, owned/occupied by M/s Delhi Metro Rail Corporation comprised of Ground, concourse level and platform level was granted fire safety certificate vide letter no. F6/DFS/MS/2009/3825 Dated 17/12/09. The premises was inspected by the officer concerned of this department on 15/10/18 in the presence of Sh. Kumar Waibhav (AM-Fire) and found that the Metro Station building have deemed complied with the fire prevention and fire safety requirements in accordance with the rules and that the building is fit for occupancy Group D "Assembly Building" with effect from 31/10/18..... for a period of **three** years, subject to conditions printed overleaf.

Issued on 31/10/18..... at New Delhi by


(Vipin Kental)
Chief Fire Officer


To,

Sh. Rajesh Agarwal,
JGM/E&M, DMRC
Metro Bhawan, New Delhi.

Copy to:-

Delhi Metro Rail Corporation Ltd,
Metro Bhawan, Fire Brigade Lane,
Barakhamba Road, New Delhi-110001.

CONDITIONS:

1. All the means of escape shall be kept free of all the type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. The clarification with regards electrical installation, ventilation, structure stability set back areas, occupancy and constructional deviation in building etc .may be got verified from the authorities concerned.
5. This Fire Safety Certificate can not be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. All comments/ directions of the Licensing Department shall always be permitted and followed.
7. The owner /occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form 'J' [sub rule(1) of rule 37] along with a copy of this certificate, six months prior to its expiry"
8. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on www.dfs.delhigovt.nic.in

1. Name & address of the building : Preet Vihar Metro Station(Line-4) Delhi
2. Building is comprised of : Ground, concourse level and platform level
3. Type of Occupancy : Assembly building (Metro Station)
4. Type of Case : Renewal
5. Details of Previous FSC letter : F6/DFS/MS/2009/3825 Dated 17/12/09
6. Fire safety direction letter No. : F6/DFS/MS/BP/2009/232 Dated-27/01/09
7. Date of Inspection : 15/10/18
8. Name of the Inspecting officers : ADO R.K. Yadav
9. Name and designation of
Officer from the building side : Sh. Kumar Waibhav (AM-Fire)
10. Year of Construction : 2008
11. Applicant's letter No : DMRC/O&M/Fire/NOC/L-4/2018/18 date 4/9/18

Sr. No.	Minimum Standards on Fire Prevention and Fire Safety U/R33	NBC Requirement	Provided at Site	Remarks MR/NMR
01	Access to Building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	09 mtr. N/A N/A	20 mtr. N/A N/A	MR N/A N/A
02	Number, Width, Type and Arrangement of Exits			
	a. Number of Staircases			
	<ul style="list-style-type: none"> • Upper floor • Ground to concourse • Con. To Platform • Basement 	04 nos 04 nos N/A	04 nos 04 nos N/A	MR MR N/A
	B. Width of Staircases			
	<ul style="list-style-type: none"> • Upper floor • Ground to concourse • Con. To Platform • Basement 	2.0 m & 3.90 M 2.0 m & 3.90 M 2.0 m & 3.90 M N/A	2 no. of 2.0 m & 2 no. of 3.90 m 2 no. of 2.0 m & 2 no. of 3.90 m 2 no. of 2.0 m & 2 no. of 3.90 m N/A	MR MR MR N/A
	c. Protection of Exits			
	<ul style="list-style-type: none"> • Fire check door • Pressurization 	N/A N/A	N/A N/A	N/A N/A
	d. No. of Continuous Staircases to Terrace	N/A	N/A	N/A
	e. Width of Corridor	N/A	N/A	N/A
	f. Door Size	02 mtr.	02 mtr.	MR
03	Compartmentation.			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire dampers 	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
04	Smoke Management System.			
	<ul style="list-style-type: none"> • Basement • Upper floor 	N/A Required	N/A Ventilated	N/A MR
05.	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	32 nos. ABC /CO ₂ ISI marked	32 nos ABC & CO ₂ Provided	MR MR MR

06	First-Aid-Hose Reels.			
	Total numbers on conc. & Platform	04 nos	04 nos	MR
	• Length of hose reel hose	30 mtr	30 mtr	MR
	• Nozzle diameter	05 mm	05 mm	MR
07	Automatic Fire Detection and Alarming System.			
	• Type of detectors	Smoke	Multi Sensor	MR
	• Location of main panel	Concourse	Provided	MR
	• Location of repeater panel	Main Entry	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooter	Required	Provided	MR
08	MOEFA	N/A	N/A	N/A
09	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	• Basement	N/A	N/A	N/A
	• upper floor	N/A	N/A	N/A
	• sprinkler above false ceiling	N/A	N/A	N/A
11	Internal Hydrants			
	• size of riser/down-comer	150 mm	150 mm	MR
	• Number of hydrants per floor	11 nos.	11 nos.	MR
	• Hose box	11 nos.	11 nos.	MR
12	Yard Hydrants.			
	• Total number of hydrants	05 nos	05 nos	MR
	• Hose box	05 nos	05 nos	MR
13	Pumping Arrangements.			
	➤ Ground Level			
	• Discharge of main pump	1800 LPM	1800 LPM	MR
	• Head of main pump	70 M	70 M	MR
	• Number of main pumps	01 nos	01 nos	MR
	• Jockey pump out put	180 LPM	180 LPM	MR
	• Jockey pump head	70 M	70 M	MR
	• Standby pump out put	1800 LPM	1800 LPM	MR
	• Standby pump head	70 M	70 M	MR
	• Auto starting /manual stopping	Required	Provided	MR
	• Pump house access	Required	Provided	MR
	➤ Terrace Level			
	• Discharge of pump	N/A	N/A	N/A
	• Head of the pump	N/A	N/A	N/A
	• 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.			
	• Underground tank capacity	50,000 ltr	50,000 ltr	MR
	• Draw-off connection	Required	Provided	MR
	• Fire service inlet	Required	Provided	MR
	• Access to tank	Required	Provided	MR
	• Overhead tank capacity	N/A	N/A	N/A
15	Exit Signage.	Required	Provided	MR

N/G

16	Provision of Lifts			
	<ul style="list-style-type: none"> • Pressurization of lift shaft • Pressurization of lift lobby • Communication in lift car • Firemen's grounding switch • Lift signage 	N/A	N/A	N/A
		N/A	N/A	N/A
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	Standby Power Supply	Required	Provided	MR
18	Refuge Area.			
	<ul style="list-style-type: none"> • Total area • Location 	N/A	N/A	N/A
		N/A	N/A	N/A
19	Fire Control Room			
	<ul style="list-style-type: none"> • Detector system panel • Flow switch panel • PA system panel • Battery backup • Building floor plans 	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 Systems for Protection of Special Risks, if Any:	Required for trans., E-panel, etc.	Provided	MR

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

Keeping in view the compliance of the minimum standards on fire prevention and fire safety required under the rules. The NOC was issued vide letter no. F6/DFS/MS/2009/3825 Dated 17/12/09, it is recommended to renew Fire Safety Certificate.

R. K. Yadav
17/12/20

Signature of the Inspecting Officer
Name : R. K. Yadav
Designation : ADO(LN)

DO(ED) *[Signature]*
18/11/18

DY/DO/MD *[Signature]*

800/ef/NP2
25/11/18/21/x

G.F.P. m.scell

FT/07.
[Signature]
25/11/18

Send FT letter to put up for sign. per

[Signature]
25/11/2018

CFO(LN2) *[Signature]* m.scell *[Signature]*
31/11