

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110 001

No. F.6/DFS/MS/Assembly/SZ/2018/

519

Dated:

27/3/18

FIRE SAFETY CERTIFICATE

Certified that the **Shankar Vihar Metro Station of Line 8**, comprising of Three levels (Ground, Concourse & Platforms) was inspected by the officer concerned of this department on 19/01/2018 in the presence of Mr. Nitin [AM(E&M)] and found that the said Metro Station building 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 "**Group D-7 Assembly building**" with effect from ~~27/3/18~~ 27/3/18---2018 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.....27/3/18.....at New Delhi by.


(Vipin Kental)
Chief Fire Officer
Tel: 011-23412225

Copy to:-

1. Sh. Jagdish Kumar (CGM/E/RC-2), Delhi Metro Rail Corporation Ltd., Laxmi Nagar Site Office, Seed Bed Park, School Block, Shakarpur, New Delhi-110092.
2. Director Projects, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001

Conditions for the validity of fire safety certificate:

1. The station shall not be opened for revenue operations without increasing the width of staircases to 2m, as undertook by DMRC vide letter No. DMRC/CGM/E/RC-2/E&M/4705 dated 26/03/2018.
2. All the means of escape/entry/exit shall be kept free from any obstruction.
3. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
4. All the staff members must know the correct method of operation of firefighting system.
5. 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 http://delhi.gov.in/wps/wcm/connect/doiit_fire/FIRE/Home/Forms
6. This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL-2016) of unauthorized construction or Alteration (Clause 1.4.3 of UBBL-2016), if any.
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."

Received
Jagdish Kumar
27/3/18

PH. No - 8800849138

INSPECTION REPORT

1. Name & address of the building : Shankar Vihar Metro Station of Line 8 (Janak Puri West to Kalindi Kunj Section)
2. Type of Occupancy : Assembly- Group-“D”
3. Type of Case : New
4. Details of Previous NOC : NA
5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/29 dated 28/03/2013
6. Date of inspection : 09/01/2018
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officer from the building side : Mr. Parvez Aalam Khan [Dy. CEE]
9. Year of Construction : 2017 **[Ground /Concourse + Platforms]**
10. Applicant's letter No. : Form “I” outdoor diary no. 16326 dated 12/12/2017

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	BBL/NBC Requirement	Provided at site	Remarks MR/NMR
1.	Access to building			MR (as per directive)
	<ul style="list-style-type: none"> Road width Gate width Width of internal road 	12m NA NA	10m NA NA	NA NA NA
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> Upper Floors Basements 	GF/Concourse to Platform 4 Nos. NA	Provided NA	MR NA
	b. Width of staircases			
	<ul style="list-style-type: none"> Upper Floor Basements 	2m NA	4.2m,4.2m,1.7m & 1.6m NA	NMR NA
	c. Protection of exits			
	<ul style="list-style-type: none"> Fire check door Pressurization 	NA NA NA	NA NA NA	NA NA NA
	d. No. of continuous staircases to terrace	NA	NA	NA
	e. Width of Corridor	2m	Provided	MR
	f. Door Size			
3.	Compartmentation			
	<ul style="list-style-type: none"> Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers 	Required in Technical Rooms Required NA NA NA	Provided Provided NA NA NA	MR MR NA NA NA
4.	Smoke Management System			
	<ul style="list-style-type: none"> Basements Upper floors 	NA NA	NA NA	NA NA
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	20 No's W.CO2/CO2 ISI marked	Provided 10/10 Yes	MR MR MR
6.	First-Aid Hose Reels			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	2 Nos at GF/concourse & 2 Nos on each Platform 45m 6mm	Provided Provided Provided	MR MR MR
7.	Automatic fire detection and alarming system			

18.	Refuge Area.			
	➤ Total Area	NA	NA	NA
	➤ Location	NA	NA	NA
19.	Fire Control Room			
	• Detector System Panel	NA	Provided	NA
	• Flow Switch Panel	NA	NA	NA
	• PA System Panel	NA	Provided	NA
	• Batter backup	NA	Provided	NA
	• Building Floor Plans	NA	Provided	NA
20.	Special Fire Protection System for Protection of special Risks, if any:	Gas Flooding in HT, LT panel, LT distribution board and essential power panels and other such major panels.	Provided	MR

Keeping in view of the above mentioned non-compliance of the minimum standard at Sr. No. 2 of fire prevention and fire safety measure as required under the rules, FSC cannot be considered at this stage.

Accordingly reply letter for rejection under Rule 35 (4) in shape of DFA is put up.

Accordingly DFA is put up for approval and signature.

A. K. Malik
10/1/18

Signature of Inspecting Officer

Name: A. K. Malik

Designation: DO (SD)

Dy. CFO (SZ)

[Signature]
10/1

CFD SP

M. S. Ull

FT/10

ue
11/1



	<ul style="list-style-type: none"> Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Station Control Room NA Required All Area	Provided Near ASS Provided Provided	MR NA MR MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement Ground & Above Floor Sprinkler above false ceiling 	NA NA NA	NA NA NA	NA NA NA
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	100mm 2 Nos at GF/concourse & 2 Nos on each Platform 3 Nos at concourse & 2 Nos on each Platform	Provided Provided Provided	MR MR MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	2 Nos 2 Nos	Provided Provided	MR MR
13.	Pumping Arrangements			
	<ul style="list-style-type: none"> Ground Level <ul style="list-style-type: none"> Discharge of main Pump Head of Main pump Number of main pumps Jockey Pump out put Jockey pump head Standby Pump out put Standby Pump Head Auto Starting/Manual Stopping Pump House Access Terrace level <ul style="list-style-type: none"> Discharge of pump Head of the pump Power Supply Auto Starting of pump 	1800 LPM 70m One 180 LPM 70m 1800 LPM(electric) 70m Required Required NA NA NA NA	Provided Provided Provided Provided Provided Provided Provided Provided Provided Provided NA NA NA NA	MR MR MR MR MR MR MR MR MR MR NA NA NA NA
14.	Captive Water Storage for fire fighting			
	<ul style="list-style-type: none"> Underground tank capacity <ul style="list-style-type: none"> Draw-off connection Fire service inlet Access to tank Overhead Tank capacity 	50,000 Lts Required Required Required NA	Provided Provided Provided Provided 10,000 Lts	MR MR MR MR NA
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	<ul style="list-style-type: none"> Pressurization of Lift Shaft Pressurization of Lift lobby Communication In lift Car Fireman's Grounding Switch Lift Signage 	NA NA NA NA NA	NA NA Provided Provided Provided	NA NA NA NA NA
17.	Standby power supply	Required	Provided	MR