

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

NO. F.6/DFS/MS/Metro/2018/ 181

Dated:- 28/01/2018

FIRE SAFETY CERTIFICATE

Certified that the **South Campus Metro Station of Line 7**, 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 of fit for occupancy class "**Group D-7 Assembly building**" with effect from 28/01/2018 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 28/01/18 at New Delhi


(Vipin Kental)
Chief Fire Officer
Delhi Fire Service
Ph- 011-23412225


Copy to:-

1. Sh. R. K. Saxena (CGM/E/RC-1), 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. All the means of escape/ entry/exit shall be kept free from any obstruction.
2. 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.
3. All the staff members must know the correct method of operation of fire fighting system.
4. 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/doit/fire/Fire/Home/Form>
5. This fire safety certificate may not in any way be treated as regularizations (Clause 2.8 of UBBL-2016) of unauthorized construction of Alteration (Clause 1.4.3 o UBBL-2016), if any.
6. "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."

INSPECTION REPORT

1. Name & address of the building : South Campus Metro Station of Line 7
 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/2013/356 dated 23/01/2013 & F6/DFS/MS/2017/BP/449 dated 01/12/2017
 6. Date of inspection : 19/01/2018
 7. Name of Inspecting Officer : A. K. Malik
 8. Name and designation of officer from the building side : Mr. C. R. Arya [AM(E&M)]
 9. Year of Construction : 2017
 10. Applicant's letter No. : Letter dated 15/1/2018 outdoor diary no. _____ dated 15/1/2018

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			
	<ul style="list-style-type: none"> Road width Gate width Width of internal road 	12m NA NA	11m NA NA	MR (as per directives) NA NA
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> Upper Floors 	GF to Concourse- 2 Nos. Concourse to Platform- 4 Nos.	Provided	MR
	<ul style="list-style-type: none"> Basements 	NA	NA	NA
	b. Width of staircases			
	<ul style="list-style-type: none"> Upper Floor 	2m	GF to Concourse- 3.75m & 2.4m Concourse to Platform- Two of 2.45m, One of 4.35m & One of 4.3m	MR
	<ul style="list-style-type: none"> Basements 	NA	NA	NA
	c. Protection of exits			
	<ul style="list-style-type: none"> Fire check door 	NA	NA	NA
	<ul style="list-style-type: none"> Pressurization 	NA	NA	NA
	d. No. of continuous staircases to terrace	NA	NA	NA
	e. Width of Corridor	1.5m	Provided	MR
	f. Door Size	2m	Provided	MR
3.	Compartmentation			
	<ul style="list-style-type: none"> Fire check door 	Required in Technical Rooms	Provided	MR
	<ul style="list-style-type: none"> Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers 	Required NA NA NA	Provided NA NA NA	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 	36 No's W.CO2/CO2 ISI marked	Provided 18/18 Yes	MR MR MR
6.	First-Aid Hose Reels			

	<ul style="list-style-type: none"> Length of hose reel hose Nozzle diameter 	Concourse & 2 Nos on each Platform 45m 6mm	Provided Provided Provided	MR MR MR
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Smoke & Heat Station Control Room NA Required All Area	Provided Provided Near ASS Provided Provided	MR MR NA MR MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	NA	Provided	NA
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 3 Nos at 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 NA NA NA NA	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 	NA	NA	NA

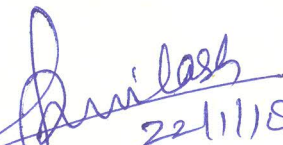
N-7

South Campus Metro Station of Line 7

	<ul style="list-style-type: none"> • Pressurization of Lift lobby • Communication In lift Car • Fireman's Grounding Switch • Lift Signage 	NA	NA	NA
		NA	Provided	NA
		NA	Provided	NA
		NA	Provided	NA
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area.			
	➤ Total Area	NA	NA	NA
	➤ Location	NA	NA	NA
19.	Fire Control Room			
	<ul style="list-style-type: none"> • Detector System Panel • Flow Switch Panel • PA System Panel • Batter backup • Building Floor Plans 	NA	Provided	NA
		NA	NA	NA
		NA	Provided	NA
		NA	Provided	NA
		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

The shortcomings communicated vide letter no.F6/DFS/MS/Assembly/SZ/2017/3477 dated 22/12/2017 are approved by this department vide letter no. F6/DFS/MS/2017/BP/449 dated 01/12/2017. The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection. Keeping in view of the above compliance of the minimum standards of fire prevention and fire safety measures as required under the rule 35 of the Delhi Fire Service Rules 2010, Fire Safety Certificate is recommended.

Accordingly DFA is put up for approval and signature.



22/11/18
Signature of Inspecting Officer

Name: A. K. Malik

Designation: DO (SD)

Dy. CFO (SZ)




24/11

M. S. K. FT 101
UK

15-59/CP/SZ
29/11

CFO (SZ)