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

No.F.6/DFS/MS/Metro/2022/NDZ/ 95-9

Dated: 14/06/2002

FIRE SAFETY CERTIFICATE

Certified that the Karkardooma Elevated Metro Station Building Line-7, Delhi. The building comprised of ground level, 1st PD level, 2nd PD level, concourse level and platform level owned/occupied by Delhi Metro Rail Corporation was issued FSC vide letter No. F.6/DFS/NDZ/2018/1647 dated 16/07/2018. The premises was re-inspected by the officer concerned of this department on dated 24/05/2022 in the presence of Mr. Sanyam Jain, AM/Fire and observed that all the fire prevention and fire safety arrangements provided in the premises found in good working condition. The premises have therefore deemed complied with rule 33 of Delhi Fire Service Rule 2010 and found that the building/premises is fit for occupancy 'Assembly' (class "D") with effect from 1.4/0.6/20.22... 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 & also conditions printed below.

Note:- This Fire Safety Certificate does not cover the PD Area.

Issued on $\frac{1406}{202}$ at New Delhi by

(Dr. S. K. Tomar) Dy. Chief Fire Officer

15 0mm

To:-

- water

Sr. DGM/E&M Metro Bhawan, Fire Brigade Lane New Delhi 110001

Conditions for the validity of Fire Safety Certificate

- 1. All the means of escape shall be kept free of all type of obstruction all the time.
- 2. All the employees shall be acquainted with the use and maintenance of all fire equipment and method of smooth and speedy safe evacuation of occupants in case of emergency.
- 3. All the fire fighting equipment 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. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
- 5. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction /unauthorized use of land if any.
- 6. 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
- 7. The owner / occupier shall apply for renewal of this Fire Safety Certificate of the Director in Form 'J' [sub rule (1) of rule (37)] along with a copy of this Certificate, Six Months prior to its expiry

	INSPE	CTION REPORT				
1.	Name & address of the building	: Karkardooma	a Elevated Metro Station I	Building		
	L-7 Delhi					
2.	Building is comprised of	: Road Level +1 PD level + 2 PD level -				
	Concourse Level - Platform level Type of Occupancy : Assembly Building					
3.						
4.	Type of Case	Type of Case : Renewal Details of Previous NOC letter : F.6/DFS/NDZ/2018/1647 dt 16/07/2018				
5.	Details of Previous NOC letter					
6.	Fire Safety direction letter No.					
	•	dated 02/07/13 : 24/05/2022 : ADO (Shd.)				
7.	Date of Inspection					
	Name of the Inspecting officers					
	Name and designation of Officer	, rus-russas				
	from the building side	Mr Sanyam	lain, (AM/Fire) &			
	3,33		anwar (Fire Safety Office	ri		
10). Year of Construction	: 2018	anna n no salong on loo	~ /		
	. Applicant's email ID		@gmail.com dated 25/04/	2022		
r.	Minimum Standards on Fire	Directive	Provided at Site	Remarks		
No.	Prevention and Fire Safety U/R33	Requirement	3 1/0 Y JUSQU 60 - 2705	MR.NMR		
)1	Access to Building	requirement		74380-7474380		
	Access to Building					
	Road width	6 m	16 m wide main road	MR		
		N/A	N/A	N/A		
	 Gate width 	N/A	N/A	N/A		
	 Width of internal road 					
02	Number, Width, Type and Arrangeme	nt of Exits				
	a. Number of Staircases					
	 Upper floor 	6 nos.	6 nos.	MR		
	Basement	N/A	N/A	N/A		
	B. Width of Staircases	06	(2.40 mtr -01),	MR(50%		
	 Upper floor 		(2.78 mtr -01)	Cap Of		
			Ground to concourse	Escalators is counted for		
			(03 mtr-04),	evacuation in		
			Concourse to platform	NEPAI		
	Basement	N/A	N/A	N/A		
	c. Protection of Exits					
	 Fire check door 	Required	Provided	MR		
	 Pressurization 	N/A	N/A	N/A		
	· · · · · · · · · · · · · · · · · · ·					
	d. No. of Continuous Staircases to	N/A	N/A	,		
	d. No. of Continuous Staircases to Terrace	N/A	N/A	N/A		
				N/A		
	Terrace e. Width of Corridor	1.5 mtr	1.5 mtr	N/A MR		
03	Terrace			N/A		
03	Terrace e. Width of Corridor f. Door Size Compartmentation.	1.5 mtr 02 mtr	1.5 mtr 2 mtr & 1.5 mtr	N/A MR MR		
03	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door	1.5 mtr 02 mtr Required	1.5 mtr 2 mtr & 1.5 mtr Provided	MR MR MR		
03	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts	1.5 mtr 02 mtr Required Required	1.5 mtr 2 mtr & 1.5 mtr Provided Provided	MR MR MR MR		
03	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door	1.5 mtr 02 mtr Required Required 2 hrs.	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs.	MR MR MR MR MR		
03	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain	1.5 mtr 02 mtr Required Required 2 hrs. N/A	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs. N/A	MR MR MR MR MR MR N/A		
	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire dampers	1.5 mtr 02 mtr Required Required 2 hrs.	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs.	MR MR MR MR MR		
	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain	1.5 mtr 02 mtr Required Required 2 hrs. N/A	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs. N/A	MR MR MR MR MR MR N/A		
	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire dampers	1.5 mtr 02 mtr Required Required 2 hrs. N/A N/A	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs. N/A N/A	MR MR MR MR MR MR N/A		
	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire dampers Smoke Management System. • Basement	1.5 mtr 02 mtr Required Required 2 hrs. N/A N/A	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs. N/A N/A	MR MR MR MR MR MR N/A N/A		
04	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire dampers Smoke Management System.	1.5 mtr 02 mtr Required Required 2 hrs. N/A N/A	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs. N/A N/A	MR MR MR MR MR MR N/A		
)4	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire dampers Smoke Management System. • Basement • Upper floor Fire Extinguishers	1.5 mtr 02 mtr Required Required 2 hrs. N/A N/A N/A	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs. N/A N/A N/A N/A N/A N/A Natural/Ventilated	MR MR MR MR MR MR N/A N/A		
04	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire dampers Smoke Management System. • Basement • Upper floor Fire Extinguishers • Total numbers	1.5 mtr 02 mtr Required Required 2 hrs. N/A N/A N/A N/A 31 nos.	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs. N/A N/A N/A N/A Natural/Ventilated 32 nos.	MR MR MR MR MR MR N/A N/A		
03	Terrace e. Width of Corridor f. Door Size Compartmentation. • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire dampers Smoke Management System. • Basement • Upper floor Fire Extinguishers	1.5 mtr 02 mtr Required Required 2 hrs. N/A N/A N/A	1.5 mtr 2 mtr & 1.5 mtr Provided Provided 2 hrs. N/A N/A N/A N/A N/A N/A Natural/Ventilated	MR MR MR MR MR MR N/A N/A		

MOEFA	06	First-Aid-Hose Reels.					
Length of hose reel hose 45 m 45 m MR		Total numbers on each floor			MR		
Nozzle diameter		 Length of hose reel hose 	45 m		MR		
Automatic Fire Detection and Alarming System.							
Location of main panel	07						
Location of main panel Concourse Concourse MR Concourse Concourse MR Concourse Co		Type of detectors	Heat or Smoke	Provided	MR		
Location of repeater panel Alternate source of power Battery & DG Set Provided MR			Concourse				
Alternate source of power Hooter Hooter N/A			Concourse				
MOEFA Required Provided MR		 Alternate source of power 	Battery & DG Set		MR		
MOEFA			N/A	N/A	N/A		
Automatic Sprinkler System. N/A	08	MOEFA	Required	Provided	MR		
Basement	09	Public Address System.	Required	Provided	MR		
• upper floor N/A	10	Automatic Sprinkler System.					
Upper floor Sprinkler above false ceiling N/A		Basement	N/A	N/A	N/A		
• sprinkler above false ceiling N/A N/A N/A N/A N/A Internal Hydrants • size of riser/down-comer Number of hydrants per floor Hose box Provided Minandary of the pump Power supply Access to tank Power sequired Provided Minandary Provided Min			N/A	N/A	N/A		
Internal Hydrants		 sprinkler above false ceiling 					
Number of hydrants per floor	11	Internal Hydrants			11/11		
Number of hydrants per floor		• size of riser/down-comer	100 mm	100 mm	MR		
Hose box 03 nos. 03 nos. MR		Number of hydrants per floor	05 nos. on road level 03 nos. concourse level	05 nos. on road level 03 nos. concourse level	MR		
Total number of hydrants					MR		
Pumping Arrangements. Ground Level Discharge of main pump Head of main pump Number of main pumps Jockey pump out put Standby pump head Auto starting /manual stopping Pump house access Terrace Level Discharge of pump Number of main pumps Auto starting /manual stopping Pump house access Required Provided MI Power supply Auto starting of pump Required Provided MI Captive Water Storage for Fire Fighting. Underground tank capacity Provided MR Required Provided MI	12	Yard Hydrants.					
Pumping Arrangements. Formul Level Discharge of main pump Head of main pump Number of main pumps Jockey pump out put Standby pump head Auto starting /manual stopping Pump house access Discharge of pump Auto starting of pump Power supply Power Supply Auto Starting of pump Power Supply Auto Starting of Pump Power Supply Power Supply Auto Starting of Pump Power Supply Required Provided Minum Provided Minum Provided Minum Provided Minum N/A				02 nos.	MR		
Forum Level Discharge of main pump Head of main pump Number of main pumps Jockey pump out put Jockey pump head Standby pump head Auto starting /manual stopping Pump house access Terrace Level Discharge of pump Head of the pump Head of the pump Auto starting of pump Captive Water Storage for Fire Fighting. Underground tank capacity Fire service inlet Access to tank Overhead tank capacity Pump Discharge of main pump 70m 70m 70m MR 2850 LPM 2850 LPM 2850 LPM MF 70m 70m 70m MF 70m 70m MF 70m Auto Provided MI Auto Provided MI N/A N/A N/A N/A N/A N/A N/A N/A N/A N/			02 nos.	02 nos.	MR		
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 Discharge of pump Head of the pump Power supply Auto starting of pump Power supply Auto starting of pump Power supply Auto starting of pump Required Provided MI	13	Pumping Arrangements.					
 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 Discharge of pump Auto starting of pump Power supply Auto starting of pump Auto starting of pump Power supply Auto starting of pump Required Provided MI Captive Water Storage for Fire Fighting. Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity 10,000 Ltr. MR MR MI N/A 		Ground Level					
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 Discharge of pump Head of the pump Power supply Auto starting of pump Required Provided Mi		Discharge of main pump	2850 LPM	2850 LPM	MR		
Jockey pump out put Jockey pump head Standby pump out put Standby pump head Auto starting /manual stopping Pump house access Terrace Level Discharge of pump Head of the pump Power supply Auto starting of pump Required Provided MI		 Head of main pump 			MR		
Jockey pump head Standby pump out put Standby pump head Auto starting /manual stopping Pump house access Terrace Level Discharge of pump Head of the pump Power supply Auto starting of pump Auto starting of pump Auto starting of pump Required Provided MI		 Number of main pumps 		01 no.	MR		
Standby pump out put Standby pump head Auto starting /manual stopping Pump house access Required Provided Terrace Level Discharge of pump Head of the pump Power supply Auto starting of pump Required Provided MI N/A N/A N/A N/A N/A Required Provided MI Auto starting of pump N/A Required Provided MI Captive Water Storage for Fire Fighting. Underground tank capacity Fire service inlet Access to tank Overhead tank capacity N/A Required Provided MI 1,00,000 Ltrs. Required Provided MI					MR		
Standby pump head Auto starting /manual stopping Pump house access Required Provided MI Required Provided MI Required Provided MI N/A N/A N/A N/A N/A N/A N/A N/A N/A		 Jockey pump head 	70m	70m	MR		
Auto starting /manual stopping Pump house access Required Provided Required Provided MI Required Provided MI Required Provided MI N/A			2850 LPM	2850 LPM	MR		
Pump house access Required Provided MI Terrace Level Discharge of pump Head of the pump Power supply Auto starting of pump Auto starting of pump Captive Water Storage for Fire Fighting. Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity Access to tank Overhead tank capacity Access to tank Overhead tank capacity Required Provided MI Required Provided MI			70m	70m	MR		
Terrace Level Discharge of pump Head of the pump Provided N/A Power supply Auto starting of pump Captive Water Storage for Fire Fighting. Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity 10,000 Ltr. Required Provided MI Provided MI Required Provided MI Prov			Auto	Provided	MR		
Discharge of pump Head of the pump Power supply Auto starting of pump Captive Water Storage for Fire Fighting. Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity Overhead tank capacity Access to tank Overhead tank capacity Overhead tank capacity Access to tank Overhead tank capacity Discharge of pump N/A N		•	Required	Provided	MR		
Head of the pump Power supply Auto starting of pump Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity Overhead tank capacity 10,0000 Ltrs. Required Required Provided Midentification N/A		F Terrace Level					
Power supply Auto starting of pump Captive Water Storage for Fire Fighting. Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity Provided MI Required Provided MI					N/A		
 Auto starting of pump Captive Water Storage for Fire Fighting. Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity 1,00,000 Ltrs. 1,00,000 Ltrs. Required Provided M Required Provided M Required Provided M Required Provided M 10,000 Ltr. 10,000 Ltr. 					N/A		
14 Captive Water Storage for Fire Fighting. • Underground tank capacity • Draw-off connection • Fire service inlet • Access to tank • Overhead tank capacity 1,00,000 Ltrs. 1,00,000 Ltrs. M Required Provided M Required Provided M Required Provided M 10,000 Ltr. M					MR		
 Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead tank capacity 1,00,000 Ltrs. Required Provided M Required Provided M Required Provided M 10,000 Ltr. 10,000 Ltr. 			Required	Provided	MR		
 Draw-off connection Fire service inlet Access to tank Overhead tank capacity Required Required Provided M Required Provided M 10,000 Ltr. 10,000 Ltr. 	14		100000	,	1.00		
 Fire service inlet Access to tank Overhead tank capacity Required Required Provided M 10,000 Ltr. M 					MR		
Access to tank Overhead tank capacity Required Provided M 10,000 Ltr. 10,000 Ltr. M					MR		
Overhead tank capacity 10,000 Ltr. 10,000 Ltr. M					MR		
• Overhead talk capacity					MR MR		
15 Exit Signage. Required Provided M							
	15	Exit Signage.	Required	Provided	MR		

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MR	İ
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5	Provision of Lifts.					
	Pressurization of lift shaft	N/A	N/A	N/A		
	Pressurization of lift lobby	N/A	N/A	N/A		
	Communication in lift car Firemen's grounding switch	Required	Provided	MR		
		Required	Provided	MR		
	Lift signage	Required	Provided	MR		
7	Standby Power Supply	Required	Provided	MR		
3	Refuge Area.					
	Total area	N/A	N/A	N/A		
	• Location	N/A	N/A	N/A		
)	Fire Control Room					
	Detector system panel	Required	Provided	MR		
	771	N/A	N/A	N/A		
	•	Required	Provided	MR		
	PA system panel Pattern healtyp	Required	Provided	MR		
	Battery backup Building floor plans	Required	Provided	MR		
0	Building floor plans Special Fire Protection Systems for Protection	Required	Provided	MR		
0	- Special rife Projection Systems for Projection			1		

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

Keeping in view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rule the FSC issued vide letter No. F.6/DFS/NDZ/2018/1647 dated 16/07/2018 renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

Pl. se-check UGWST apacity

Signature of the inspection Officer

Name

:- Deepak Kumar Designation :- A.D.O (Shd)

50,000 + 50,000 Minter connected UGWST