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

No. F.6/DFS/MS/Assembly/SZ/2017/ 737

Dated: 24/5/17

FIRE SAFETY CERTIFICATE

Certified that the Jamia Nagar Metro Station of Line 8 (JanakPuri West to KalindiKunjSection), comprising of Three levels (Ground, Concourse & Platforms) was inspected by the officer concerned of this department on 17/05/2017 in the presence of Mr. Manoj Kumar [Manager(E&M)] and found that the said Metro Stationbuilding 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 DAssembly building" with effect from -24/3-7---2017 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.

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

Copy to:-

- 1. The CEE/RC-2, Delhi Metro Rail Corporation Ltd., Ground Floor, Airport Metro Station, Dhaula Kuan, New Delhi-110021.
- 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 firefighting 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 www.dfs.delhigovt.nic.in
- 5. This fire safety certificate may not in any way be treated as regularization of unauthorized construction, 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

: Jamia Nagar Metro Station of Line 8 (Janak Puri West to Kalindi Kunj 1. Name & address of the building

Section)

: Assembly- Group-"D" 2. Type of Occupancy

: New 3. Type of Case 4. Details of Previous NOC : NA

: F6/DFS/MS/BP/2013/43 dated 11/04/2013 5. Fire Safety directives letter No : 17/05/2017

6. Date of inspection

: A. K. Malik 7. Name of Inspecting Officer

8. Name and designation of officer

Appli	Minimum Standards on fire prevention	M/392 dated 01/05/2017 outdo BBL/NBC Requirement	Provided at site	Remarks MR/NMR	
a	and fire safety U/R 33	Requirement			
F	Access to building	12m	7.5m	MR (as per directive) NA	
	 Road width 	NA NA	NA		
	 Gate width 	NA NA	NA	NA	
	width of internal road		W. Colonial Colonia Colonial Colonial C		
	Number, Width, Type & Arrangement of I	dth, Type & Arrangement of Exits			
	a. Number of staircases		Provided	MR	
	Upper Floors	GF to Concourse-	i O		
	• Oppos	2 Nos.			
		Concourse to			
		Platform- 3 Nos.	NA	NA	
		NA	INA		
	• Basements	A STATE OF THE STA	OF the Original way	MR	
	b. Width of staircases	2m	GF to Concourse- 2 Nos of 5m	1,111	
	 Upper Floor 	17.0			
			Concourse to	2.	
			Platform- 2 Nos	e l	
			of 3m & 1 Nos of	1	
	100		5m	NA	
		NA	NA	1471	
	Basements			NIA	
		NA	NA	NA	
	c. Protection of exits	NA	NA	NA	
	Fire check door	NA	NA	NA	
	Pressurization	1.5m	Provided	MR	
	d. No. of continuous staircases to terrace	2m	Provided	MR	
	e. Width of Corridor		2		
	f. Door Size				
3.	Compartmentation	Required in	Provided	MR	
	Fire check door	Technical Rooms			
		Required	Provided	MR	
	Sealing of electrical shafts	NA	NA	NA	
4	 Fire Rating of shaft door 	NA NA	NA	NA	
*	Water Curtain		NA	NA	
	 Fire Dampers 	NA	1411		
4.	Smoke Management System		NIA	NA	
٠٠.	D	NA	NA	NA	
	BasementsUpper floors	NA	NA	1471	
	1			N.C.	
5.	Fire Extinguishers	36 No's	Provided	MR	
	 Total numbers 	W.CO2/CO2	18/18	MR	
1	• Types	W.CO2/CO2	10/10	MR	

Jamia Nagar Metro Station of Line 8 (Janak Puri West to Kalindi Kuni Section)

Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location Alternate Surce of power Hooters' Location Alternate Surce of power Hooters' Location Alternate Surce of power Hooters' Location Required Provided MR Provided MR Required Provided MR Required Provided MR Required Provided MR Na		Jamia Nagar Metro Station of Line 8	8 (Janak Puri West to Kalindi Ku	nj Section)	
Platform 45m Provided MR 7. Automatic fire detection and alarming system • Type of detectors • Location of Repeater Panel • Location of Repeater Panel • Location of Repeater Panel • Hooters' Location • Location of Repeater Panel • Hooters' Location • Alternate source of power • Hooters' Location • Alternate Source of Provided MR • Near ASS • NA • Perovided MR • Provided MR • Provided MR • Provided MR • NA • Sprinkler System • Basement • Ground & Above Floor • Sprinkler above false ceiling • NA	0	Total numbers on each floor	concourse & 2	Provided	MR
Nozzle diameter			Platform		
7. Automatic fire detection and alarming system 1. Type of detectors 1. Location of Repeater Panel 1. Alternate source of power 1. Hooters' Location 1. Alternate source of power 1. Hooters' Location 1. Alternate System 1. Required 1. Alternate Provided 1. MR 1. MR 1. Basement 1. Required 1. NA 1. N			1000	Provided	MR
Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location Alternate Surce of power Hooters' Location Alternate Surce of power Hooters' Location Alternate Surce of power Hooters' Location Required Provided MR Provided MR Required Provided MR Required Provided MR Required Provided MR Na		Nozzle diameter	6mm	Provided	MR
Location of Repeater Panel	7.	Automatic fire detection and alarming sy	vstem	SEPTEMBER OF THE SERVICE OF THE SERV	
Location of Repeater Panel NA Near ASS NA		Type of detectors			
Alternate source of power		Location of Main Panel		Provided	MR
Note Hooters Location Ali Area Provided MR	*				NA
8. MCDEFA 9. Public Address System 10. Automatic Sprinkler System Basement NA NA NA NA NA					
9. Public Address System 10. Automatic Sprinkler System Basement		Hooters' Location			
Basement	8.				-
Basement Size of riser/down-comer Size of	9.		NA	Provided	NA
Ground & Above Floor NA	10.	Automatic Sprinkler System			
Sprinkler above false ceiling NA			·		
11. Internal Hydrants Size of riser/down-comer Number of hydrants per floor Hose Box 12. Vard Hydrants Total number of hydrants Hose Box Total number of hydrants Hose Box Hose Hose Hose Access Hose Hos				to play the	
Size of riser/down-comer Number of hydrants per floor Nos on each Platform 12. Vard Hydrants Total number of hydrants Hose Box Total number of hydrants Hose Box 3 Nos Provided MR 3 Nos Provided MR 3 Nos Provided MR 13. Pum ping Arrangements Ground Level Discharge of main Pump Head of Main pump Head of Main pump Number of main pumps One Provided MR Dockey Pump out put Dockey pump head Standby Pump Head Standby Pump Head Standby Pump Head Natus Starting/Manual Stopping Pump House Access Terrace level Discharge of pump Head of the pump Head of the pump Head of the pump NA N	4 2	·	NA	NA	NA
Number of hydrants per floor	11.				
Number of hydrants per floor Hose Box A S Nos at concourse & 2 Nos on each Platform		Size of riser/down-comer		1 miles	The Control of the Co
Hose Box Nos on each Platform				Provided	MR
Hose Box Platform 3, Nos at concourse & 2		Number of hydrants per floor	To be a second of the second o		
12. Yard Hydrants 3 Nos Provided MR		II. D			
12. Yard Hydrants 3 Nos Provided MR		Hose Box	Platform		
12. Yard Hydrants 3 Nos Provided MR				D :1.1	MD
Nos on each Platform				Provided	MR
Platform Provided MR Platform Provided MR Pumping Arrangements Pumping Arrangements Pumping Arrangements Pumping Arrangements Plead of Main pump Provided MR Plead of Main pump Provided MR Provided Pr			4 7 4 4		
12. Yard Hydrants Total number of hydrants Hose Box Toround Level Discharge of main Pump Head of Main pump Done Dockey Pump out put Standby Pump Head Standby Pump Head Head of the pump Pump House Access Terrace level Discharge of pump Nam Provided MR Non Provided MR Non Provided MR Non Non Provided MR Non			18 1 2		
Total number of hydrants Hose Box Toroided MR Provided MR			Tiatioiiii		
Total number of hydrants Hose Box Toroided MR Provided MR	12	Vard Hydrants			
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13. Pumping Arrangements Ground Level Discharge of main Pump Head of Main pump Number of main pumps Done Provided MR Number of main pumps MR Jockey Pump out put Standby Pump out put Standby Pump Head Provided MR Standby Pump Head Provided MR Standby Pump Head Required Provided MR Have Starting/Manual Stopping Pump House Access Required Provided MR Provided MR Required Provided MR Provided MR NA					-
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> 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 > Discharge of pump > Auto Starting of pump > Auto Starting of pump > Discharge for fire fighting Underground tank capacity > Draw-off connection 1800 LPM Provided MR Required Provided MR NA	10.		<i>p</i>		
Head of Main pump Number of main pumps None Provided MR Provided MR Provided MR Provided MR NR NR NR NR NR NA NA NA NA N			1800 LPM	Provided	MR
Number of main pumps Jockey Pump out put Jockey pump head Standby Pump out put Standby Pump Head Number of main pumps Jockey Pump out put Standby Pump out put Standby Pump Head Number of main pumps Number of					
Jockey Pump out put Jockey pump head Jockey pump head Standby Pump out put Standby Pump Head Nature Starting/Manual Stopping Pump House Access Required Provided MR 70m Provided MR 8equired NA	11/12/			THE CHANGE OF STREET	
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Standby Pump Head Auto Starting/Manual Stopping Pump House Access Pump House Access Required Provided MR Required Provided MR Required Provided MR Required Provided MR Required NA					
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Pump House Access Required Provided MR Terrace level Discharge of pump NA Head of the pump NA Power Supply NA Auto Starting of pump NA					
 Terrace level Discharge of pump Head of the pump Head of the pump NA Power Supply Auto Starting of pump Captive Water Storage for fire fighting Underground tank capacity Draw-off connection Fo,000 Lts Provided MR Required Provided MR	1		1 1		
Discharge of pump Head of the pump NA NA NA NA NA NA NA NA NA N			- Atoquito	770,700	
Head of the pump NA NA NA NA NA Power Supply Auto Starting of pump NA NA NA NA NA NA NA NA NA N	- 1		NA	NA	NA .
Power Supply Auto Starting of pump NA NA NA NA NA 14. Captive Water Storage for fire fighting Underground tank capacity Draw-off connection Required Provided MR					
Auto Starting of pump NA NA NA 14. Captive Water Storage for fire fighting Underground tank capacity Draw-off connection To a starting of pump NA NA NA NA NA NA NA Provided MR Required Provided MR					
14. Captive Water Storage for fire fighting • Underground tank capacity Draw-off connection Draw-off connection Required Provided MR					
 Underground tank capacity Draw-off connection Draw-off connection Required Provided MR 	14.			N: (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,11
Draw-off connection Required Provided MR	2		50,000 I to	Provided	MD
D					A CONTRACTOR OF THE PARTY OF TH
			Required	Provided	MR

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16.	Jamia Nagar Metro Station of Line 8 (Janak Puri West to Kalindi Kunj Section) Provision of Lifts.						
	Pressurization of Lift Shaft	NA	NA	NA			
	Pressurization of Lift lobby	NA	NA	NA NA			
	Communication In lift Car	NA	Provided	NA			
	Fireman's Grounding Switch	NA	Provided	NA			
	Lift Signage	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						
	Detector System Panel	NA	Provided	NA			
	 Flow Switch Panel PA System Panel Batter backup Building Floor Plans 	NA	NA	NA			
		NA	Provided	NA			
		NA	Provided	NA			
		NA	Provided	NA			
20.	Special Fire Protection System for	Gas Flooding in	Provided	MR			
	Protection of special Risks, if any:	HT, LT panel, LT distribution board and essential power panels and other such major panels.					

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.

Signature of Inspecting Officer

Name: A. K. Malik

Designation: DO (SD)