

No. F6/DFS/MS/Metro/WZ/2022/ 417

Dated 21/09/2022

**FIRE SAFETY CERTIFICATE**

Certified that the **DMRC Mundka Metro Station (Line-5) (Elevated)** Located at **Mundka, Delhi-110041** comprised of **Ground, 1<sup>st</sup> floor (Concourse Level) & 2<sup>nd</sup> floor (Platform Level)** owned/occupied by **Delhi Metro Rail Corporation Ltd.** was issued Fire Safety Certificate by this department vide letter no. F6/DFS/MS/Metro/2019/2016 dated 21.10.2019. The said building/Premises was re-inspected by the officer concerned of this department on 12.09.2022 in the presence of Sh. Sanyam Jain (AM/Fire) and found that the premises 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 building is fit for occupancy Group – D ‘Assembly’ (Except PD Area) with effect from ..... 21/09/2022 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 printed below.

Issued on ..... 21/09/2022 ..... at New Delhi by

(Dharampal Bhardwaj)  
Dy. Chief Fire Officer  
(West Zone)

Copy to:

1. Sh. Vivek Srivastava (JGM/E&M) , Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

**Following fire safety directive must be adhered to:-**

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 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 if fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupation, electric installation etc. may be got verified from the concerned authorities.
5. The Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction / unauthorized use of land if any.
6. All comments / directions of licensing Department shall always be permitted and followed.
7. 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](http://www.dfs.delhigovt.nic.in)

5.	Fire Extinguishers			
	<ul style="list-style-type: none"> <li>Total numbers</li> <li>Types</li> <li>IS marking</li> </ul>	20 Nos. ABC, CO2 ISI marked	30 nos. Provided Provided	MR MR MR
6.	First - Aid Hose Reels			
	<ul style="list-style-type: none"> <li>Total numbers on each floor</li> <li>Length of hose reel hose</li> <li>Nozzle diameter</li> </ul>	02 & 04 45 m 6.5 mm	Provided Provided Provided	MR MR MR
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooters' Location</li> </ul>	Smoke Required Required Required Required	Provided Provided Provided Provided Provided	MR MR MR MR MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> <li>Basements</li> <li>Upper Floor</li> <li>Sprinkler above false ceiling</li> </ul>	NA NA NA	NA NA NA	NA NA NA
11.	Internal Hydrants:			
	<ul style="list-style-type: none"> <li>Size of riser/down- comer</li> <li>Number of hydrants per floor</li> <li>Hose Box</li> </ul>	150 mm 02 & 04 Required	Provided Provided Provided	MR MR MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> <li>Hose Box</li> </ul>	Required Required	Provided Provided	MR MR
13.	Pumping Arrangements:			
	<ul style="list-style-type: none"> <li>Ground Level</li> <li>➤ Discharge of main pump</li> <li>➤ Head of main pump</li> <li>➤ Number of main pumps</li> <li>➤ Jockey pump out put</li> <li>➤ Jockey pump head</li> <li>➤ Standby Pump out put</li> <li>➤ Standby Pump Head</li> <li>➤ Auto Staring/Manual stopping</li> <li>➤ Pump House Access</li> <li>➤ Terrace level</li> <li>➤ Discharge of pump</li> <li>➤ Head of the pump</li> <li>➤ Power supply</li> <li>➤ Auto starting of pump</li> </ul>	1800 lpm 60 m 01 180 lpm 60 m 1800 lpm 60 m Required NA NA NA NA NA NA	Provided Provided Provided Provided Provided 1800 lpm (Electrical Pump connected to Generator) Provided Provided NA NA NA NA NA	MR MR MR MR MR MR MR MR MR NA NA NA NA NA
14.	Captive water Storage for fire fighting:			
	<ul style="list-style-type: none"> <li>➤ Under ground tank capacity</li> <li>➤ Draw off connection</li> <li>➤ Fire service inlet</li> <li>➤ Access to tank</li> <li>➤ Overhead Tank capacity</li> </ul>	1,00,000 ltrs. Required Required Required 10,000 ltrs.	Provided Provided Provided Provided Provided	MR MR MR MR MR
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	<ul style="list-style-type: none"> <li>➤ Pressurization of Lift Shaft</li> <li>➤ Pressurization of lift lobby</li> <li>➤ Communication in lift Car</li> <li>➤ Fireman's Grounding Switch</li> <li>➤ Lift Signage</li> </ul>	NA NA Required Required	NA NA Provided Provided	NA NA MR MR
17.	Standby power supply	Required Required	Provided Provided	MR MR

18. Refuge Area			
> Total area	NA	NA	NA
> Location	NA	NA	NA
19. Fire control room			
> Detector system panel	Required	Provided	MR
> Flow Switch Panel	NA	NA	NA
> PA System Panel	Required	Provided	MR
> Battery backup	Required	Provided	MR
> Building Floor Plans	NA	NA	NA
20. Special Fire Protection Systems for Protection of special Risks, if any:	Required in electrical panels/station etc.	Provided	MR

The fire protection systems provided in the building were checked and found functional at the time of inspection two exits are closed due to covid-19 & manned all the time.

Keeping in view deemed compliance of the minimum standards of fire prevention and fire safety requirements under the rules, renewal of Fire Safety Certificate issued vide letter no. F6 DFS MS Metro/2019/2016 dated 21.10.2019 is recommended under rules 37 of the Delhi Fire Service rules 2010 under the DFS Act 2007.

Accordingly DFA is prepared & put up for approval please.

*Amith*  
13/09/22  
Aman Kumar Lathar  
ADO (JWP)

DO MSN 434  
Date 13/9/2022  
*DO (W)*

*DO (W)*  
*Jisks*  
*14/9/22*

*ADP/5/pe P*  
*DO (W)*  
*20/9/22*

*MS/ cell*

*Amith*  
16/9/22  
Amo (JWP)

*But, F.S. letter is put-up for signature M.*



## INSPECTION REPORT

1. Name & address of the building: **Mundka Metro Station (Line-5) (Elevated), Mundka, Delhi-110087.**
2. Type of Occupancy : Assembly (Metro Station)
3. Type of Case : Renewal, Ground + Concourse Level & Platform Level
4. Details of previous NOC : F6/DFS/MS/Metro/2019/2016 dated 21.10.2019
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2008/77 dated 11.01.2008
6. Date of inspection : 12.09.2022
7. Name of the Inspecting Officer : Aman Kumar Lathar, ADO (JWP)
8. Name and designation of Officer from the building side : Sh. Sanyam Jain (AM/Fire)
9. Year of Construction :2009-10
10. Applicant's letter No. : email dated 29.08.2022

S No	Minimum standards on fire prevention and fire safety U/R 33	NFPA/NBC Requirements/as per FSC dated 21.10.2019	Provided at site	Remarks MR/NMR														
1.	Access of building																	
	<ul style="list-style-type: none"> <li>• Road width</li> <li>• Gate width</li> <li>• Width of internal road</li> </ul>	<table border="1"> <tr> <td>On Main Road</td> <td>On Main Road</td> </tr> <tr> <td>05 m</td> <td>On Main Road</td> </tr> <tr> <td>NA</td> <td>NA</td> </tr> </table>	On Main Road	On Main Road	05 m	On Main Road	NA	NA	<table border="1"> <tr> <td>On Main Road</td> <td>MR</td> </tr> <tr> <td>On Main Road</td> <td>MR</td> </tr> <tr> <td>NA</td> <td>NA</td> </tr> </table>	On Main Road	MR	On Main Road	MR	NA	NA			
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2.	Number, width, Type & Arrangements of exits																	
	a. Number of staircases																	
	<ul style="list-style-type: none"> <li>• Upper floors</li> <li>• Basements</li> </ul>	<table border="1"> <tr> <td>02+04</td> <td>02+04</td> </tr> <tr> <td>NA</td> <td>NA</td> </tr> </table>	02+04	02+04	NA	NA	<table border="1"> <tr> <td>02+04</td> <td>MR</td> </tr> <tr> <td>NA</td> <td>NA</td> </tr> </table>	02+04	MR	NA	NA							
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NA	NA	NA																
	c. Protection of exits																	
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Pressurization</li> </ul>	<table border="1"> <tr> <td>Required</td> <td>Provided</td> </tr> <tr> <td>NA</td> <td>NA</td> </tr> <tr> <td>NA</td> <td>NA</td> </tr> </table>	Required	Provided	NA	NA	NA	NA	<table border="1"> <tr> <td>MR</td> </tr> <tr> <td>NA</td> </tr> <tr> <td>NA</td> </tr> </table>	MR	NA	NA						
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	d. No of continuous staircase to terrace																	
	e. Width Of Corridor																	
	f. Door Size																	
		1.5 m	Hall	MR														
		1 m	Provided	MR														
3.	Compartmentation																	
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Sealing of electrical shafts</li> <li>• Fire Rating of shaft door</li> <li>• Water Curtain</li> <li>• Fire Dampers</li> </ul>	<table border="1"> <tr> <td>Required</td> <td>Provided</td> </tr> <tr> <td>Required</td> <td>Provided</td> </tr> <tr> <td>Required</td> <td>Provided</td> </tr> <tr> <td>NA</td> <td>NA</td> </tr> <tr> <td>NA</td> <td>NA</td> </tr> </table>	Required	Provided	Required	Provided	Required	Provided	NA	NA	NA	NA	<table border="1"> <tr> <td>MR</td> </tr> <tr> <td>MR</td> </tr> <tr> <td>MR</td> </tr> <tr> <td>NA</td> </tr> <tr> <td>NA</td> </tr> </table>	MR	MR	MR	NA	NA
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