

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001**

No. F6/DFS/MS/SZ/2022/ 77

Dated: 21/02/2022

**FIRE SAFETY CERTIFICATE**

Certified that the **Delhi Metro Railway Station located at Karol Bagh, New Delhi-110005**, comprised of Basement, Ground level, Concourse level & Platform level was granted Fire Safety Certificate by this department vide letter No. F.6/DFS/MS/2006/1311 dated 13.06.2006 owned/ occupied by Delhi Metro Rail Corporation Ltd., was re-inspected by the officer concerned of this department on 08.02.2022 in presence of Sh. Pushkar Singh (Senior Fire Inspector) 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 building/premises is fit for occupancy class "**Group D (Assembly Building)**" with effect from 21/02/2022 for a period of **03 (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 21/02/2022 at New Delhi by.

(Atul Garg)

Director

Delhi Fire Service

Copy to: -

1. Sh.Pushkar Singh (Senior Fire Inspector), Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi- 110001.

**Conditions for the Validity of Fire Safety Certificate**

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. Any loss of life or property due to non-functional fire safety measures shall be at the risk & responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviation w.r.t. construction shall be verified by the concerned building sanctioning agency.
5. The certificate may not be treated in any case for regularization of unauthorized construction, if any.
6. The basement shall be used strictly as per the provisions of the Building Bye Laws, 1983.
7. The owner/occupier shall submit a declaration every year in form 'K' Provided in the first schedule of Delhi Fire Service Rules 2010, form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)

Elevated Metro Station**INSPECTION REPORT**

1. Name & address of the building : Delhi Metro Railway Station located at Karol Bagh, New Delhi.
2. Type of Occupancy : Assembly, Group-D
3. Type of Case : Renewal
4. Details of previous NOC : F.6/DFS/MS/2006/1311 dated 13.06.2006
5. Fire Safety directives letter No : F6/DFS/MS/2004/BP/2526 dated 20/10/2004.
6. Date of inspection : 08.02.2022
7. Name of the Inspecting Officers : P.V. Rathee, Asstt. Divisional Officer (SRD)
8. Name and designation of officers from the building side : Sh. Puskar Singh (Sr Fire Inspector)
9. Year of Construction : 2004-05
10. Applicant's letter No. : Online email Id [firewingblue@gmail.com](mailto:firewingblue@gmail.com) dated 27.01.2022

Karol Bagh Metro Station is comprised of basement, ground, concourse level and platform level.

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	Fire Safety Requirement as per NBC/BBL	Provided at site	Remarks MR/NMR
1	<b>Access to building</b>			
	<ul style="list-style-type: none"> <li>• Road width</li> <li>• Gate width</li> <li>• Width of internal road</li> </ul>	09 Mts 05 mts N/A	Provided Directly accessible N/A	MR MR N/A
2	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floors</li> <li>• Basements</li> </ul>	GF-Platform-1, GF-Concourse-07, Concourse- Platform- 04 02	GF-Platform-1, GF-Concourse-07, Concourse- Platform- 04 02	MR MR
	b. Width of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floors</li> <li>• Basements</li> </ul>	GF- CC- 2.08, 2.10, 2.18, 2.0-2.88, 1.72, 3.25, 1.37 mts, CC to Platform- 3.89, 3.89, 4.52, 4.52 mts 1.0 mts each	GF- CC- 2.08, 2.10, 2.18, 2.0-2.88, 1.72, 3.25, 1.37 mts, CC to Platform- 3.89, 3.89, 4.52, 4.52 mts BF-GF- 1.05. BF-PF- 1.0 mts	MR MR
	c. Protection of exits			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Pressurization</li> </ul>	Required NA NA	Provided NA NA	MR NA NA
	e. No. of continuous staircases to terrace			
	g. Width of Corridor	1.5 mts	Provided	MR
	h. Door Size	1.5 mts	Provided	MR
3	<b>Compartmentation.</b>			
	<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>	Required in basement Required 02 hrs. NA NA	Provided Provided Provided NA NA	MR MR MR NA NA
4	<b>Smoke Management System.</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> <li>• Upper floors</li> </ul>	30 A/C per Hour 12 A/C per Hour	Provided NA	MR NA
5	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>• Total numbers</li> <li>• Types</li> <li>• IS marking</li> </ul>	35 No's W.CO <sub>2</sub> / CO <sub>2</sub> ISI marked	Provided Provided Yes	MR MR MR
6	<b>First-Aid Hose Reels.</b>			

	<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 Nos. 30 m 5 mm	Provided Provided Provided	MR MR MR
7	<b>Automatic fire detection and alarming system.</b>			
	<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	Provided	MR
		Station Control Room	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		All areas	Provided	MR
8	<b>MOEFA</b>	Required	Provided	MR
9	<b>Public Address System.</b>	Required	Provided	MR
10	<b>Automatic Sprinkler System.</b>			
	<ul style="list-style-type: none"> <li>Basement</li> <li>Upper Floor</li> <li>Sprinkler above false ceiling</li> </ul>	Required	Provided	MR
		N/A	N/A	N/A
		N/A	N/A	N/A
11	<b>Internal Hydrants</b>			
	<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>	100 mm	Provided	MR
		02	Provided	MR
		02	Provided	MR
12	<b>Yard Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> <li>Hose Box</li> </ul>	2 Nos	Provided	MR
		02 Nos	Provided	MR
13	<b>Pumping Arrangements.</b>			
	<ul style="list-style-type: none"> <li>Ground Level <ul style="list-style-type: none"> <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 Starting/ Manual stopping</li> <li>Pump House Access</li> </ul> </li> <li>Terrace level <ul style="list-style-type: none"> <li>Discharge of pump</li> <li>Head of the pump</li> <li>Power Supply</li> <li>Auto Starting of pump</li> </ul> </li> </ul>	-	-	-
		1800 LPM	Provided	MR
		60 mts	Provided	MR
		01	Provided	MR
		180 LPM	Provided	MR
		60 LPM	Provided	MR
		1800 LPM	Provided	MR
		60 mts.	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		-	-	-
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
14	<b>Captive Water Storage for fire fighting.</b>			
	<ul style="list-style-type: none"> <li>Underground tank capacity</li> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> <li>Overhead Tank capacity</li> </ul>	50,000 lts	1,00,000 lts	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		N/A	N/A	N/A
15	<b>Exit Signage.</b>	Required	Provided	MR
16	<b>Provision of Lifts.</b>			
	<ul style="list-style-type: none"> <li>Pressurization of Lift Shaft</li> </ul>	N/A	N/A	N/A

MR	<ul style="list-style-type: none"> <li>Pressurization of Lift lobby</li> <li>Communication In lift Car</li> <li>Fireman's Grounding Switch</li> <li>Lift Signage</li> </ul>	N/A	N/A	N/A
MR		Required	Provided	MR
MR		Required	Provided	MR
		Required	Provided	MR
17	<b>Standby power supply</b>	Required	D.G.Set (180 KVA)	MR
18	<b>Refuge Area.</b>			
	➤ Total Area	N/A	N/A	N/A
	➤ Location	N/A	N/A	N/A
19	<b>Fire Control Room</b>			
	• Detector System Panel	Required	Provided	MR
	• Flow Switch Panel	Required	Provided	MR
	• PA System Panel	Required	Provided	MR
	• Batter backup	Required	Provided	MR
	• Building Floor Plans	Required	Provided	MR
20	Special Fire Protection Systems for Protection of special Risks, if any:	N/A	N/A	N/A

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

In view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the NOC issued vide letter No. F.6/DFS/MS/2006/1311 dated 13.06.2006, renewal under Rule 37 of the Delhi Fire Service rules 2010 is recommended.

DFA is put up for approval & signature please.

D-0/SWS  
 MS  
 10/2/2022

Dy. S.O. (S2)  
 10/2

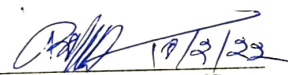
C.F.O.

Kemp

14/2

10/02/2022

b01/SWS

  
 Signature of the Inspecting Officer  
 P.V. Rathee  
 Asstt. Div. Officer (SRD)



~~Signature~~