

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

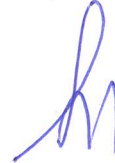
No. F.6/DFS/MS/Metro/2021/SZ/ 34

Dated: 18/01/2021

FIRE SAFETY CERTIFICATE

Certified that **Shukhdev Vihar Metro Station of Line 8 (Janakpuri West to Kalindi Kunj Section)**, comprising of Three levels (Ground, Concourse & Platforms) was granted Fire Safety Certificate vide letter no. F6/DFS/MS/2017/Metro/733 dated 23/05/2017. The said metro station was re-inspected by the officer concerned of this department on 09/01/2021 in the presence of Mr. Pankaj Kumar (Fire Inspector) & Mr. Amit Kumar (ASE) and found that the metro station// have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of Delhi Fire Service Rules, 2010 and that the building/premises is fit for occupancy **Class D (Assembly Building)** with effect from 18/01/2021 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 18/01/2021 at New Delhi by



(Sunil Chawdhary)  
Dy. Chief Fire Officer  
Delhi Fire Service



Copy to: -

1. The Executive Engineer (Bldg), SDMC, Jal Vihar, Lajpat Nagar, New Delhi-110024
2. Mr. Bhirgu Fukan Assistant Manager (Fire), Merto Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi.

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 and responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
5. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
6. Basement shall be used as per building bye laws.
7. 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.
8. The owner/occupier shall submit a declaration every year in the 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).



## INSPECTION REPORT

1	Name & Address of the Building	Sukhdev Vihar Metro Station of Line 8 (Janak Puri West to Kalindi Kunj Section)		
2	Type of Occupancy	Assembly Group- D		
3	Building Comprised of	Ground + Concourse + Platforms		
4	Type of Case	Renewal		
5	Details of Previous NOC	F.6/DFS/MS/Assembly/SZ/2017/733 dated 23/05/2017		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2013/357 dated 23/01/2013		
7	Date of Inspection	09/01/2021		
8	Name of the Inspecting Officers	ADO Avtar Singh		
9	Name & Designation of Officers from the building side	Mr. Pankaj Kumar (Fire Inspector) & Mr. Amit Kumar (ASE)		
10	Year of construction	2017		
11	Applicant letter No.	Email dated 03/11/2020		
S. No	Minimum standards on Fire Prevention and Fire Safety U/R 33	BBL/NBC Requirements	Provided at Site	Remarks MR/NMR
1	<b>Access to Building.</b>			
	• Road width	12 m	Provided	MR
	• Gate width	-N/A-	-N/A-	-N/A-
	• Width of internal road	-N/A-	-N/A-	-N/A-
2	<b>Number, width, type &amp; arrangement of exits.</b>			
	<b>a) Number of Staircase</b>			
	➤ Upper floors	GF to Concourse- 4 nos Concourse to Platform- 4 nos	Provided	MR
	➤ Basement floor	-N/A-	-N/A-	-N/A-
	<b>b) Width of Staircase</b>			
	➤ Upper floors	2 m	GF to Concourse- 2 nos of 3.5 m & 2 nos of 2.4 m Concourse to Platform - 2 nos of 4 m & 2 nos of 3.1 m	MR
	➤ Basement floor	-N/A-	-N/A-	N/A
	<b>c) Protection of exits</b>			
	➤ Fire check door	-N/A-	-N/A-	-N/A-
	➤ Pressurization	-N/A-	-N/A-	-N/A-
	<b>d) No. of continuous staircase to terrace</b>	-N/A-	-N/A-	-N/A-
	<b>e) Width of corridor</b>	1.5 m	Provided	MR
	<b>f) Door size</b>	2 m	Provided	MR
3	<b>Compartmentation.</b>			
	• Fire check door.	Required in Technical Rooms	Provided	MR
	• Sealing of electrical shafts.	Required	Provided	MR
	• Fire rating of shaft door.	-N/A-	-N/A-	-N/A-
	• Water curtain	-N/A-	-N/A-	-N/A-
	• Fire dampers.	-N/A-	-N/A-	-N/A-
4	<b>Smoke Management system.</b>			
	• Basement	-N/A-	-N/A-	-N/A-
	• Upper floors	-N/A-	-N/A-	-N/A-
5	<b>Fire Extinguishers.</b>			
	• Total numbers	36 nos	Provided	MR
	• Types	CO <sub>2</sub> /W.CO <sub>2</sub>	18/18	MR
	• ISI Marking	ISI Marked	Yes	MR
6	<b>First Aid Hose Reels.</b>			



	<ul style="list-style-type: none"> <li>Total numbers on each floor</li> </ul>	3 nos at concourse & 2 nos on each Platform	Provided	MR
	<ul style="list-style-type: none"> <li>Length of hose-reel hose.</li> <li>Nozzle Diameter</li> </ul>	45 m	Provided	MR
		6 mm	Provided	MR
7	<b>Automatic fire detection &amp; alarming system.</b>			
	<ul style="list-style-type: none"> <li>Type of detectors</li> </ul>	Smoke & Heat	Provided	MR
	<ul style="list-style-type: none"> <li>Location of Main Panel</li> </ul>	Station Control Room	Provided	MR
	<ul style="list-style-type: none"> <li>Location of Repeater Panel</li> </ul>	-N/A-	Near ASS	MR
	<ul style="list-style-type: none"> <li>Alternate source of power</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Hooter's location</li> </ul>	All Area	Provided	MR
8.	<b>MOEFA</b>	Required	Provided	MR
9.	<b>Public Address System</b>	-N/A-	Provided	-N/A-
10.	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>Basement.</li> </ul>	-N/A-	-N/A-	-N/A-
	<ul style="list-style-type: none"> <li>Upper floors</li> </ul>	-N/A-	-N/A-	-N/A-
	<ul style="list-style-type: none"> <li>Sprinkler above false ceiling</li> </ul>	-N/A-	-N/A-	-N/A-
11.	<b>Internal Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Size of Riser / Down-comer</li> </ul>	100 mm	Provided	MR
	<ul style="list-style-type: none"> <li>Number of Hydrant per floor</li> </ul>	3 nos at concourse & 2 nos on each Platform	Provided	MR
	<ul style="list-style-type: none"> <li>Hose box.</li> </ul>	3 nos at concourse & 2 nos on each Platform	Provided	MR
12.	<b>Yard Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants.</li> </ul>	03 nos	Provided	MR
	<ul style="list-style-type: none"> <li>Hose box.</li> </ul>	03 nos	Provided	MR
13.	<b>Pumping arrangements.</b>			
	<ul style="list-style-type: none"> <li><b>Ground Level</b></li> </ul>			
	<ul style="list-style-type: none"> <li>Size of Riser</li> </ul>	1800 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>Discharge of main pump.</li> </ul>	70 m	Provided	MR
	<ul style="list-style-type: none"> <li>Head of main pump.</li> </ul>	One	Provided	MR
	<ul style="list-style-type: none"> <li>Number of main pumps.</li> </ul>	180 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>Jockey Pump output.</li> </ul>	70 m	Provided	MR
	<ul style="list-style-type: none"> <li>Jockey Pump head.</li> </ul>	1800 LPM (electric)	Provided	MR
	<ul style="list-style-type: none"> <li>Standby Pump output.</li> </ul>	70 m	Provided	MR
	<ul style="list-style-type: none"> <li>Standby Pump head.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Auto Starting/Manual Stopping.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Pump house access.</li> </ul>			
	<ul style="list-style-type: none"> <li><b>Terrace Level</b></li> </ul>			
	<ul style="list-style-type: none"> <li>Discharge of pump.</li> </ul>	-N/A-	N/A	-N/A-
	<ul style="list-style-type: none"> <li>Head of pump.</li> </ul>	-N/A-	N/A	-N/A-
	<ul style="list-style-type: none"> <li>Power supply.</li> </ul>	-N/A-	N/A	-N/A-
	<ul style="list-style-type: none"> <li>Auto-starting of pump.</li> </ul>	-N/A-	N/A	-N/A-
14.	<b>Captive water storage for firefighting.</b>			
	<ul style="list-style-type: none"> <li>Underground tank capacity.</li> </ul>	50,000 ltrs	50,000 ltrs	MR
	<ul style="list-style-type: none"> <li>Draw-off connection.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Fire Service Inlet.</li> </ul>	Required	Provided	MR
		Required	Provided	MR

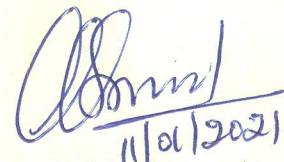


	<ul style="list-style-type: none"> <li>➤ Access to tank.</li> <li>• Overhead tank capacity.</li> </ul>	-N/A-	10,000 ltrs	-N/A-
15.	<b>Exit Signage.</b>	Required	Provided	MR
16.	<b>Provision of Lifts.</b>			
	<ul style="list-style-type: none"> <li>• Pressurization of lift shaft.</li> <li>• Pressurization of lift lobby.</li> <li>• Communication in lift car.</li> <li>• Fireman's switch.</li> <li>• Lift signage.</li> </ul>	-N/A-	-N/A-	-N/A-
		-N/A-	-N/A-	-N/A-
		-N/A-	Provided	-N/A-
		-N/A-	Provided	-N/A-
		-N/A-	Provided	-N/A-
17	<b>Standby Power Supply</b>	Required	Provided	MR
18.	<b>Refuge Area</b>			
	<ul style="list-style-type: none"> <li>• Total area</li> <li>• Location</li> </ul>	-N/A-	-N/A-	-N/A-
		-N/A-	-N/A-	-N/A-
19.	<b>Fire Control Room.</b>			
	<ul style="list-style-type: none"> <li>• Detector System Panel.</li> <li>• Flow Switch Panel.</li> <li>• PA system Panel.</li> <li>• Battery backup</li> <li>• Building floor plan</li> </ul>	-N/A-	Provided	-N/A-
		-N/A-	-N/A-	-N/A-
		-N/A-	Provided	-N/A-
		-N/A-	Provided	-N/A-
		-N/A-	Provided	-N/A-
20.	<b>Special Fire Protection System for the Protection of special Risk, if any.</b>	Gas floding in HT, LT panel, LT distribution board and essential power panels and other such major panels.	Provided	MR

The Fire protection systems provided in the premises were checked / operated at random and found functional at the time of inspection.

Keeping in view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the FSC issued vide letter no. F.6/DFS/MS/Assembly/SZ/2017/733 dated 23/05/2017, renewal under rule 37 of the Delhi Fire Service rule 2010 is recommended.

Accordingly DFA is put up for approval and signature please.

  
11/01/2021

Signature of the Inspecting Officer  
Name : Avtar Singh  
Designation: ADO (M.Rd)

~~DO (SD)~~

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12/01

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*F. P. please*

*A D O (M R D)*