

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

No. F.6/DFS/MS/Assembly/SZ/2017/ 733

Dated: 23/5/17

**FIRE SAFETY CERTIFICATE**

Certified that the **Sukhdev Vihar Metro Station of Line 8 (JanakPuri West to Kalindi Kunj Section)**, 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 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 premises is fit for occupancy class "**Group D Assembly building**" with effect from ~~23/5/2017~~ 23/5/2017 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.

Issued on.....23/5/17.....at New Delhi by.

  
(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](http://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**

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. Type of Case : New  
 4. Details of Previous NOC : NA  
 5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/357 dated 23/01/2013  
 6. Date of inspection : 17/05/2017  
 7. Name of Inspecting Officer : A. K. Malik  
 8. Name and designation of officer from the building side : Mr. Manoj Kumar [Manager(E&M)]  
 9. Year of Construction : 2017 **[Ground + Concourse + Platforms]**  
 10. Applicant's letter No. : DMRC/CEE/RC-2/E&M/3104 dated 25/04/2017 outdoor diary no. 4945 dated 25/04/2017

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	BBL/NBC Requirement	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>	12m NA NA	Provided NA NA	MR NA NA
2.	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	<ul style="list-style-type: none"> <li>Upper Floors</li> </ul>	GF to Concourse- 4 Nos. Concourse to Platform- 4 Nos.	Provided	MR
	<ul style="list-style-type: none"> <li>Basements</li> </ul>	NA	NA	NA
	b. Width of staircases			
	<ul style="list-style-type: none"> <li>Upper Floor</li> </ul>	2m	GF to Concourse- 2 Nos of 3.5m & 2 Nos of 2.4m Concourse to Platform- 2 Nos of 4m & 2 Nos of 3.1m	MR
	<ul style="list-style-type: none"> <li>Basements</li> </ul>	NA	NA	NA
	c. Protection of exits			
	<ul style="list-style-type: none"> <li>Fire check door</li> <li>Pressurization</li> </ul>	NA NA	NA NA	NA NA
	d. No. of continuous staircases to terrace	NA	NA	NA
	e. Width of Corridor	1.5m	Provided	MR
	f. Door Size	2m	Provided	MR
3.	<b>Compartmentation</b>			
	<ul style="list-style-type: none"> <li>Fire check door</li> </ul>	Required in Technical Rooms	Provided	MR
	<ul style="list-style-type: none"> <li>Sealing of electrical shafts</li> <li>Fire Rating of shaft door</li> <li>Water Curtain</li> <li>Fire Dampers</li> </ul>	Required NA NA NA	Provided NA NA NA	MR NA NA NA
4.	<b>Smoke Management System</b>			
	<ul style="list-style-type: none"> <li>Basements</li> <li>Upper floors</li> </ul>	NA NA	NA NA	NA NA
5.	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>Total numbers</li> <li>Types</li> <li>IS marking</li> </ul>	36 No's W.CO2/CO2 ISI marked	Provided 18/18 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>	3 Nos at concourse & 2 Nos on each Platform 45m 6mm	Provided Provided Provided	MR MR MR
<b>7.</b>	<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 & Heat Station Control Room NA Required All Area	Provided Provided Near ASS Provided Provided	MR MR NA MR MR
<b>8.</b>	<b>MOEFA</b>	Required	Provided	MR
<b>9.</b>	<b>Public Address System</b>	NA	Provided	NA
<b>10.</b>	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>Basement</li> <li>Ground &amp; Above Floor</li> <li>Sprinkler above false ceiling</li> </ul>	NA NA NA	NA NA NA	NA NA NA
<b>11.</b>	<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>	100mm 3 Nos at concourse & 2 Nos on each Platform 3 Nos at concourse & 2 Nos on each Platform	Provided Provided Provided	MR MR MR
<b>12.</b>	<b>Yard Hydrants</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> <li>Hose Box</li> </ul>	3 Nos 3 Nos	Provided Provided	MR MR
<b>13.</b>	<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 70m One 180 LPM 70m 1800 LPM(electric) 70m Required Required NA NA NA NA	Provided Provided Provided Provided Provided Provided Provided Provided Provided NA NA NA NA	MR MR MR MR MR MR MR MR MR NA NA NA NA
<b>14.</b>	<b>Captive Water Storage for fire fighting</b>			
	<ul style="list-style-type: none"> <li>Underground tank capacity <ul style="list-style-type: none"> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> </ul> </li> </ul>	50,000 Lts Required Required	Provided Provided Provided	MR MR MR



<b>16.</b>	<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 Grounding Switch</li> <li>• Lift Signage</li> </ul>	NA	NA	NA
		NA	NA	NA
		NA	Provided	NA
		NA	Provided	NA
		NA	Provided	NA
<b>17.</b>	<b>Standby power supply</b>	Required	Provided	MR
<b>18.</b>	<b>Refuge Area.</b>			
	➤ Total Area	NA	NA	NA
	➤ Location	NA	NA	NA
<b>19.</b>	<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>• Batter backup</li> <li>• Building Floor Plans</li> </ul>	NA	Provided	NA
		NA	NA	NA
		NA	Provided	NA
		NA	Provided	NA
		NA	Provided	NA
<b>20.</b>	<b>Special Fire Protection System for Protection of special Risks, if any:</b>	Gas Flooding 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 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]*  
18/5/17  
Signature of Inspecting Officer  
Name: A. K. Malik  
Designation: DO (SD)

Dy. CFO (SZ)

*[Signature]*  
CFO (SZ)

*[Signature]*  
19/5

DCFB M-SCM FT/M.  
23/5

only F.P. is put up for sig. please.  
*[Signature]*  
23/5/17

*[Signature]*  
CFO (SZ) M-SCM 23/5

