

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

No. F.6/DFS/MS/Metro/2021/SZ/ 07

Dated: 05 / 01 /2021

**FIRE SAFETY CERTIFICATE**

Certified that “Arjangerh Metro Station of Qutab Minar-Gurgaon Corridor, New Delhi comprised of **Ground Level + Concourse + platform Level** was issued Fire Safety Certificate by this department vide letter no F6/DFS/MS/2010/1245 dated 29.04.2010,. The premise was re-inspected by the officer concerned of this department on 21/12/2021 in the presence of Mr. Ashish (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 premises is fit for occupancy class-D “**Assembly Occupancy**” (Delhi Metro Railway) as above with effect from 05/01/2021 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 on 05 / 01 /2021 at New Delhi by



**(SUNIL CHAWDHARY)**  
**DY. CHIEF FIRE OFFICER (SZ)**

Copy to: -

1. Mr. Vivek Srivastava, (JGM/E&M) Delhi Metro Rail Corporation, Metro Bhawan, 13, Fire Brigade Lane, New Delhi-110001.

**Conditions for the validity of Fire Safety Certificate: -**

1. All the fire safety arrangement provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life property due to non-functional fire safety measures shall be at the responsibility of the management.
2. All the staff members must know the correct method of operation of fire fighting system.
3. The basement shall be used strictly as per the provision of Building Bye Laws.
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 (Clause 2.8 of UBBL-2016) of unauthorized construction or alteration (Clause 1.4.3 of UBBL-2016), if any.
6. “The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in form ‘J’ [sub rule (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry.”

### INSPECTION REPORT

1. Name & address of the building: Arjangerh Metro Station, of Qutab Minar-Gurgaon Corridor, Delhi.
2. Type of Occupancy : Assembly D-7 (Metro Station)
3. Type of Case :Renewal (Ground Level + Concourse + Platform Level)
4. Details of previous NOC : F6/DFS/MS/2010/1245 dated 29.04.2010
5. Fire Safety directives letter No : F6/DFS/MS/BP/2009/498 dated 18.02.2009
6. Date of inspection : 21.12.2021
7. Name of the Inspecting Officers : Sh. Rajesh Kumar, ADO (BCP)
8. Name and designation of officers  
from the building side : Mr. Ashish , Fire Inspector
9. Year of Construction :2010
10. Applicant's letter No. :Gmail Dated: 09.12.2021

S. No	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1	<b>Access to building</b>			
	<ul style="list-style-type: none"> <li>• Road width</li> </ul>	As per PWD	Provided	MR
	<ul style="list-style-type: none"> <li>• Gate width</li> </ul>	Required	Approx 06 mtr	MR
	<ul style="list-style-type: none"> <li>• Width of internal road</li> </ul>	As per NBC	6 mtr	MR
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>	04nos Concourse to platform 02 nos ground to Concourse	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 Floors concourse to platform</li> </ul>	As per NBC	PF to CC- 3.35 mtr (02 Nos) 1.85 m + 1 m escalator (02 Nos) CC-to Ground- 2.35 mtr (02 Nos) + 1 mtr escalator (02 Nos)	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> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Pressurization</li> </ul>	NA	NA	NA
	d. No. of continuous staircases to terrace	02	Provided	MR
	<ul style="list-style-type: none"> <li>• 2 m</li> </ul>		2 m	MR
	e. Width of Corridor	Required	1.9m	MR
	f. Door Size			
3	<b>Compartmentation.</b>			
	<ul style="list-style-type: none"> <li>• Fire check door</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Sealing of electrical shafts</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Fire Rating of shaft door</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Water Curtain</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Fire Dampers</li> </ul>	N/A	N/A	N/A
4	<b>Smoke Management System.</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	30ACPH	NA	NA
	<ul style="list-style-type: none"> <li>• Upper floors</li> </ul>	12ACPH	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>	19nos	19nos	MR
		ISI marked	Provided	MR
		Required	Provided	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>	04 – platform level 02 – concourse level	04 – platform level 02 – concourse level	MR
		45m	45m	MR
		5mm	5mm	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/heat	Provided	MR
		Required	Provided	MR
		NA	NA	NA
		Required	Provided	MR
		Required	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>	NA	NA	NA
		NA	NA	NA
		NA	NA	NA
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>	150mm	Provided	MR
		Required	Platform each-02 Concourse - 02	MR
		Required	Platform each-02 Concourse - 02	MR
12	<b>Yard Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> <li>Hose Box</li> </ul>	02 Nos	Provided	MR
		02 Nos	Provided	MR
13	<b>Pumping Arrangements.</b>			
	<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 Starting/ Manual stopping</li> <li>Pump House Access</li> <li>Terrace level</li> </ul>			
		1800 Lpm	1800 LPM	MR
		60 mtr	60m	MR
		01	01	MR
		180 LPM	180 LPM	MR
		60 m	60m	M/R
		1800LPM	1800 LPM	MR
		60 mtr	60m	MR
		Required	Provided	MR
		Required	Provided	MR

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	<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>	NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
14	<b>Captive Water Storage for fire fighting.</b>			
	<ul style="list-style-type: none"> <li>• Underground tank capacity</li> </ul>	50,000ltrs	50,000ltrs	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
	<ul style="list-style-type: none"> <li>➤ Access to tank</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Overhead Tank capacity</li> </ul>	NA	NA	NA
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>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Pressurization of Lift lobby</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Communication In lift Car</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Fireman's Grounding Switch</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Lift Signage</li> </ul>	Required	Provided	MR
17	<b>Standby power supply</b>	Required	Provided	MR
18	<b>Refuge Area.</b>			
	<ul style="list-style-type: none"> <li>➤ Total Area</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>➤ Location</li> </ul>	NA	NA	NA
19	<b>Fire Control Room</b>			
	<ul style="list-style-type: none"> <li>• Detector System Panel</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Flow Switch Panel</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• PA System Panel</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Battery backup</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Building Floor Plans</li> </ul>	NA	NA	NA
20	Special Fire Protection Systems for Protection of special Risks, if any:	Required	Provided	MR

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

Keeping in view of the deemed compliance of the minimum standard on fire prevention and fire safety measures as required under the rules, the FSC issued vide letter no F6/DFS/MS/2010/1245 dated 29.04.2010, renewal under rule 37 of the Delhi Fire Service rules, 2010 is recommended.

Accordingly, DFA is put up for approval and signature please.

*Handwritten signature and date: 28/12/21*

Signature of the Inspecting Officer  
Name: Sh. Rajesh Kumar  
Design: ADO (BCP)

*Handwritten signatures and initials: DDF/S, 29/12/21, ADO (BCP)*