

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

No. F6/DFS/MS/GH/2015/ *M02/827*

Dated *21/05/15*

FIRE SAFETY CERTIFICATE

Certified that the **New Delhi Airport Merto Station** of **Airport Metro Express Line** located at **Ajmeri Gate New Delhi** comprised of Two side Platforms and ground level of North-west Entry at Ajmeri Gate excluding the retail area at ground, Mezzanine and concourse level was granted FSC by this department vide letter **F6/DFS/MS/2011/1494 dated 07/07/2011**. The premises was re-inspected by the officer concerned of this department on 06-05-2015 in the presence of Sh. Ankit Raj (Fire Inspector) and found that the said Express Metro Station & retail area 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 **Assembly Building** with effect from ~~21/07~~ *21/05/15*-----2015 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 *21/05/15*..... at New Delhi by.


(Dr. G.C. Misra)
Chief Fire Officer
Ph-011-23414333

Copy to:-

1. Mr. Rajesh Agrawal,
Sr.DGM/E&M,
Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi.

Condition for the validity of fire safety certificate

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all time. 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.
2. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for 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 (I) of rule 37] along with a copy of this Certificate, six months prior to its expiry"

INSPECTION REPORT

1. Name & address of the building : DMRC New Delhi Metro Station of Airport Line
2. Type of Occupancy : Assembly building (D7 as Per NBC Part IV 2005)
3. Type of Case : Renewal
4. Details of previous NOC : F6/MS/DFS/2011/1494 dated 07/07/11
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2011 /3249 dated 29/11/2011
6. Date of inspection : 06/05/2015
7. Name of the Inspecting Officer : D.O. Gurmukh Singh & A.D.O. M.K. Sharma
8. Name and designation of Officer
from the building side : Sh. Ankit Raj (Fire Inspector)
9. Year of Construction : 2010
10. Applicant's letter No. : DMRC/O&M/Fire/NOC/AMEL/2015/12 dated 09-04-15

S.No.	Minimum Standards on fire Prevention and fire safety U/R 33	Required	Provided at site	Remarks MR/NMR
1.	Access to Building			
	1) Road width	12 mtr.	18 mtr.	MR
	2) Gate width	N/A	N/A	N/A
	3) Width of internal road	6 mtr.	6 mtr.	MR
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	N/A	N/A	N/A
	2. Basements	3 Nos.	3 Nos.	MR
	B. Width of staircase			
	1. Upper floors	N/A	N/A	N/A
	2. Basements	1.50 mtr. each.	1.50 mtr. each.	MR
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Not Provided	MR
	D. No. of continuous staircase to terrace	N/A	N/A	N/A
	E. Width of corridor	2.0 mtr.	2.0 mtr.	MR
	F. Door size	1.5 mtr. & 2.0 mtr.	1.5 mtr. & 2.0 mtr.	MR
3.	Compartmentation			
	1) Fire check door	Required	Provided	MR
	2) Sealing of electrical shafts	Required	Provided	MR
	3) Fire rating of shaft door	Required	Provided	MR
	4) Water curtain	Required	Provided	MR
	5) Fire Dampers	Required	Provided	MR

4.	Smoke Management System			
	1) Basements	30 a/c per hour	Provided	MR
	2) Upper floors	12 a/c per hour	Provided	MR
5.	Fire Extinguishers			
	1) Total numbers	200 Nos.	230 Nos.	MR
	2) Types	ABC & CO2	ABC & CO2	MR
	3) ISI marking	ISI	Provided	MR
6.	First-Aid Hose Reel			
	1) Total number of each floor	Required	4 Nos.	MR
	2) Length of hose reel hose	30 mtr.	36 mtr.	MR
	3) Nozzle diameter	05 mm	05 mm	MR
7.	Automatic Fire Detection & Alarming System			
	1) Type of detectors	Smoke & Heat	Provided	MR
	2) Location of main panel	Ground floor	Ground floor	MR
	3) Location of repeater panel	N/A	N/A	N/A
	4) Alternate source of power	Required	Provided	MR
	5) Hooter's Location	Every floor	Every floor	N/A
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	1) Basement	Required	Provided	MR
	2) Upper floors	N/A	N/A	N/A
	3) Sprinkler above false ceiling	N/A	N/A	N/A
11.	Internal Hydrants			
	1) Size of riser/down-comer	150 mm.	150 mm.	MR
	2) Number of hydrants per floor	4 Nos.	4 Nos.	MR
	3) Hose box	4 Nos.	4 Nos.	MR
12.	Yard Hydrants			
	1) Total number of hydrants	14 Nos.	14 Nos.	MR
	2) Hose box	14 Nos.	14 Nos.	MR
13.	Pumping Arrangement			
	1) Ground level			
	a) Discharge of main pump	4500 LPM	4500 LPM	MR
	b) Head of main pump	80 mtr.	80 mtr.	MR
	c) Number of main pump	1 No.	1 No.	MR
	d) Jockey pump out put	180 LPM	180 LPM	MR
	e) Jockey pump head	80 mtr.	80 mtr.	MR
	f) Stand by pump output	4500 LPM	4500 LPM	MR
	g) Stand by pump head	80 mtr.	80 mtr.	MR
	h) Auto starting/Manual stopping	Required	Required	MR
	2) Terrace level			
	a) Discharge of pump	N/A	N/A	N/A
	b) Head of pump	N/A	N/A	N/A
	c) Power supply	N/A	N/A	N/A

	d) Auto starting of pump	N/A	N/A	N/A
14.	Captive Water Storage for Fire Fighting			
	1) Under ground tank capacity	2,00,000 ltrs.	2,00,000 ltrs.	MR
	a) Draw-off connection	Required	Provided	MR
	b) Fire service inlet	Required	Provided	MR
	c) Access to tank	Required	Provided	MR
	d) Over head tank capacity	N/A	N/A	N/A
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	a) Pressurization of lift shaft	Required	Provided	MR
	b) Pressurization of lift lobby	Required	Provided	MR
	c) Communication in lift car	Required	Provided	MR
	d) Fireman's switch	Required	Provided	MR
	e) Lift signage	Required	Provided	MR
17.	Stand by Power Supply	Required	Provided	MR
18.	Refuge Area			
	Total area location	N/A	N/A	N/A
19.	Fire Control Room			
	a) Detector system panel	Required	Provided	MR
	b) Flow switch panel	Required	Provided	MR
	c) PA system panel	Required	Provided	MR
	d) Battery backup	Required	Provided	MR
	e) Building floor plan	Required	Provided	MR
20.	Special Fire Protection System for Protection of special Risk, if any:			MR

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

Shortcomings communicated vide letter No. F6/DFS/MS/2014/2487 dated 03/11/2014 have been rectified.

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. F6/MS/DFS/2011/1494 dated 07/07/11 renewal under rule 35 of the Delhi Fire Service rules 2010, is recommended.

Signature of the Inspecting Officer

Name :- G.S Chauhan
Designation :- DO (CD)

Signature of the Inspecting Officer

Name :- M.K. Sharma
Designation :- ADO (CC)