

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

No. F6/DFS/MS/2016/ *MD2/557*

Dated *08/04/16*

FIRE SAFETY CERTIFICATE

Certified that the **Indraprastha Merto Station New Delhi** comprised of ground, concourse and platform was granted FSC by this department vide letter **No.F6/DFS/MS/2013/178 dated 11-04-2013**. The premises was re-inspected by the officer concerned of this department on 29-03-2016 in the presence of Sh. Vikash Bhardwaj (Fire Officer) and found that the said Metro Station 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 Metro Railway) with effect from ~~11-04-2013~~ *08/04/16*---2016 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 *08/04/16* at New Delhi by.

[Signature]
BTG.

(Dr. G. C. Misra)
DIRECTOR
Delhi Fire Service
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 : Indraprastha Merto Station New Delhi
2. Type of Occupancy : Assembly building (D7as Per NBC Part IV 2005)
3. Type of Case : Renewal
4. Details of previous FSC : F6/DFS/MS/2013/178 dated 11/04/2013
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2005/2239 dated 26/10/2015
6. Date of inspection : 29/03/2016
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. Vikash Bhardwaj (Fire Officer)
9. Year of Construction : 2006
10. Applicant's letter No. : DMRC/O&M/Fire/NOC/L-2/2016/11 dated 15-03-16

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	06 mtr.	Provided	MR
	2) Gate width	N/A	N/A	N/A
	3) Width of internal road	6 mtr.	Provided	MR
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	Required	Ground to Concourse - 2, Concourse to Platform - 2	MR
	2. Basements	N/A	N/A	N/A
	B. Width of staircase			
	1. Upper floors	03 mtr. each	Provided	MR
	2. Basements	N/A	N/A	N/A
	C. Protection of exits			
	1. Fire check door	N/A	N/A	N/A
	2. Pressurization	N/A	N/A	N/A
	D. No. of continuous staircase to terrace	N/A	N/A	N/A
	E. Width of corridor	N/A	N/A	N/A
	F. Door size	N/A	N/A	N/A
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

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	4) Fire curtain	N/A	N/A	N/A
	5) Fire Dampers	N/A	N/A	N/A
4.	Smoke Management System			
	1) Basements	30 a/c per hour	N/A	N/A
	2) Upper floors	12 a/c per hour	N/A	N/A
5.	Fire Extinguishers			
	1) Total numbers	30 Nos.	Provided	MR
	2) Types	ABC & CO2	Provided	MR
	3) ISI marking	ISI	Provided	MR
6.	First-Aid Hose Reel			
	1) Total number of each floor	2 Nos.	2 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	Provided	MR
	2) Location of main panel	Required	Provided in station control room	MR
	3) Location of repeater panel	Required	Provided at concourse level	MR
	4) Alternate source of power	Required	Provided	MR
	5) Hooter's Location	Required	Provided at station control room & at all levels	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	1) Basement	N/A	N/A	N/A
	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	Required 100 mm.	100 mm.	MR
	2) Number of hydrants per floor	Required	Provided at Ground level-1, at concourse level-1 at platform level-4 Nos.	MR
	3) Hose box per floor	Required	6 Nos.	MR
12.	Yard Hydrants			
	1) Total number of hydrants	Required	Provided	MR
	2) Hose box	Required	Provided	MR
13.	Pumping Arrangement			
	1) Ground level			
	a) Discharge of main pump	1800 LPM	Provided	MR
	b) Head of main pump	70 mtr.	Provided	MR
	c) Number of main pump	2 No.	Provided	MR
	d) Jockey pump out put	180 LPM	Provided	MR
	e) Jockey pump head	70 mtr.	Provided	MR
	f) Stand by pump output	1800 LPM	Provided	MR
	g) Stand by pump head	70 mtr.	Provided	MR

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	h) Auto starting/Manual stopping	Required	Provided	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	1,00,000 ltrs.	12,00,000 ltrs.	MR
	a) Draw-off connection	Required 01	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	N/A	N/A	N/A
	b) Pressurization of lift lobby	N/A	N/A	N/A
	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	N/A	N/A	N/A
	b) Flow switch panel	N/A	N/A	N/A
	c) PA system panel	N/A	N/A	N/A
	d) Battery backup	N/A	N/A	N/A
	e) Building floor plan	N/A	N/A	N/A
20.	Special Fire Protection System for Protection of special Risk, if any: Co₂ flooding system provided in HT/LT panel			MR

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

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/DFS/MS/2013/178 dated 11/04/2013 renewal under rule 35 of the Delhi Fire Service rules 2010, is recommended.

Signature of the Inspecting Officer

Signature of the Inspecting Officer

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

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