

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

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No. F6/DFS/MS/GH/2014 /ND2/346

Dated 11/03/2014

FIRE SAFETY CERTIFICATE

Certified that the **Underground Metro Station at Janpath, New Delhi** was inspected by the officers concerned of this department on 20-02-2014 in the presence of Sh. Sanjeev kumar Dy Manager DMRC and found that the said Metro Station have 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-7 "Assembly Building"** with effect from 11/3/14 ----- 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, printed overleaf.

Issued on 11/3/14 at New Delhi by.



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

G. C. Misra

Copy to:-

1. Sh. A.K. Singh Executive Director/Electrical at 8, Jantar mantar Road, New Delhi-110001.

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.

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INSPECTION REPORT

1. Name & address of the building : Under Ground Metro Station at Janpath, New Delhi
2. Type of Occupancy : Assembly building (D7as Per NBC Part IV 2005)
3. Type of Case : Fresh
4. Details of previous NOC : NA
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2013 /2601 dated 28/11/2013
6. Date of inspection : 20/02/2014
7. Name of the Inspecting Officer : Sh. Rajesh Panwar Dy. CFO (NDZ), Sh. Gurmukh Singh
(DO/CD) & Sh. M. K. Sharma (ADO/CC)
8. Name and designation of Officer
from the building side : Sh. Sanjeev Kumar Dy Manager DMRC with Team
9. Year of Construction : 2013 & 2014
10. Applicant's letter No. : DMRC/CEE-8/2j/DFS dated 27-1-14

S No	Minimum standards on fire prevention and fire safety U/R 33	Existing Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	40 Mtr.	40 Mtr.	MR
	• Gate width	6 Mtr.	6 Mtr.	MR
	• Width of internal road	NA	NA	NA
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	NA	NA	NA
	• Basements	NA	NA	NA
	b. Width of staircases			
	• Upper floors	NA	NA	NA
	• Basements -3 level	Gr to con. 4. s/c - 2600 mm, -1325 mm, (25/c) mm	Gr to con. 4. s/c - 2600mm,- 1325 mm, (25/c) mm	MR

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		Con to P/F. 2. s/c - 2390mm, -2450 mm, con to P/F-2	Con to P/F. 2. s/c- 2390mm,-2450 mm, con to P/F-2	MR
		Conto 2- 1385mm,- 1100 mm -(servic)	Conto 2- 1385mm,- (servic)	MR
		P/f to u/croft -1300 mm,	1100mm P/f to u/croft - 1300 mm,	
	c. Protection of exits	Required	Provided	MR
	• Fire check door	Required	Provided in Firemen & emergency staircase	MR
	• Pressurization	NA	NA	NA
	d. No of continuous staircase to terrace	4.5 mtr	4.5 mtr	MR
	e. Width Of Corridor	NA	NA	NA
	f. Door Size	NA	NA	NA
3.	Compartmentation			
	• Fire check door	Required	2 Hrs & 4 Hrs	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	Required	2 Hrs	MR
	• Water Curtain	NA	NA	NA
	• Fire Dampers	Required	provided	MR
4	Smoke managements System			
	• Basements	30 ACPH	Provided in ECS plant room	MR
	• Upper floors	NA	NA	NA
5	Fire Extinguishers			
	• Total numbers	90 Nos	71+27+4=102 Nos.	MR
		ABC, CO ₂ , Wco ₂	6 Kg.ABC, 4.5	MR

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	<ul style="list-style-type: none"> Types 		Kg .CO ₂ , 9 Ltr.Wco ₂	
	<ul style="list-style-type: none"> IS marking 	Required	Provided	MR
6	First – Aid Hose Reels			
	<ul style="list-style-type: none"> Total numbers on each floor 	19 Nos (13+6)	19 Nos (13+6)	MR
	<ul style="list-style-type: none"> Length of hose reel hose 	30 Mtr.	30.5 Mtr.	MR
	<ul style="list-style-type: none"> Nozzle diameter 	06 MM	06 MM	MR
7	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detectors 	Smoke	Addressable multi sensor type and heat sensor	MR
	<ul style="list-style-type: none"> Location of Main Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> Location of Repeater Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> Alternate source of power 	Required	Provided	MR
	<ul style="list-style-type: none"> Hooters' Location 	Floor wise	Floor wise	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler			
	<ul style="list-style-type: none"> Basements 	Required Partially	Provided Partially	MR
	<ul style="list-style-type: none"> Upper Floor 	NA	NA	NA
	<ul style="list-style-type: none"> Sprinkler above false ceiling 	NA	NA	NA
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down- comer 	150 MM	Hydrant Pipe Header 150 MM	MR
	<ul style="list-style-type: none"> Number of hydrants per floor 	19 Nos.	(13+6)=19 Nos.	MR
	<ul style="list-style-type: none"> Hose Box 	19 Nos.	19 Nos.	MR
12	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants 	01	01	MR
	<ul style="list-style-type: none"> Hose Box 	01	01	MR
13	Pumping Arrangements			

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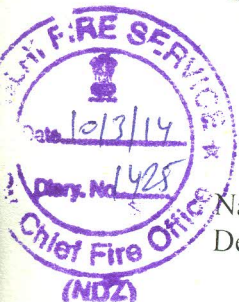
	<ul style="list-style-type: none"> ○ Ground Level ● Discharge of main pump ● Head of main pump 	2850 LPM	2850 LPM	MR
		Head 90 Mtr.	Head 90 Mtr,	MR
	<ul style="list-style-type: none"> ● Number of main pumps 	(2 main)	Sprk+ hydnt	MR
	<ul style="list-style-type: none"> ● Jockey pump out put 	180LPM	180 Lpm	MR
	<ul style="list-style-type: none"> ● Jockey pump head 	Head 90 Mtr.	Head 90 Mtr.	MR
	<ul style="list-style-type: none"> ● Standby Pump out put 	2850 LPM	2850 LPM	MR
	<ul style="list-style-type: none"> ● Standby Pump Head 	Head 90 Mtr	90 M	MR
	<ul style="list-style-type: none"> ● auto Staring/Manual stopping 	Required	Provided	MR
	<ul style="list-style-type: none"> ● Pump House Access 	Required	Provided	MR
	<ul style="list-style-type: none"> ○ Terrace level 	NA	NA	NA
	<ul style="list-style-type: none"> ● Discharge of pump 	NA	NA	NA
	<ul style="list-style-type: none"> ● Head of the pump 	NA	NA	NA
	<ul style="list-style-type: none"> ● Power supply 	NA	NA	NA
	<ul style="list-style-type: none"> ● Auto starting of pump 	NA	NA	NA
14	Captive water Storage for fire fighting			
	<ul style="list-style-type: none"> ● Under ground tank capacity 	NA	NA	NA
	<ul style="list-style-type: none"> ● Draw of connection 	Required	Provided	MR
	<ul style="list-style-type: none"> ● Fire service inlet 	Required	Provided	MR
	<ul style="list-style-type: none"> ● Access to tank 	Required	Provided	MR
	Overhead Tank capacity	2,00000 Ltrs.	2,00000 Ltrs.	MR
15	Exit Signage	Required	Provided	MR
16	Provision of Lifts			
	<ul style="list-style-type: none"> ● Pressurization of Lift Shaft 	NA	NA	NA
	<ul style="list-style-type: none"> ● Pressurization of lift lobby 	NA	NA	NA
	<ul style="list-style-type: none"> ● Communication in lift Car 	Required	Provided	MR
	<ul style="list-style-type: none"> ● Fireman's Grounding Switch 	Required	Provided	MR
	<ul style="list-style-type: none"> ● Lift Signage 	Required	Provided	MR
17	Standby power supply	Required	Provided	MR
18	Refuge Area			

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	• Total area	NA	NA	NA
	• Location	NA	NA	NA
19	Fire control room			
	• Detector system panel	Required	Provided	MR
	• Flow Switch Panel	NA	NA	NA
	• PA System Panel	Required	Provided	MR
	• Battery backup	Required	Provided	MR
	• Building Floor Plans	Required	Provided	MR
20	Special Fire Protection Systems for Protection of special Risks, if any;	Required	Clean agent Flooding system for transformer & LT panels	MR

The fire protection systems provided in the building were tested, checked and found functional at the time of inspection. Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rule it is recommended to grant fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010 / is recommended please.



Rajesh Panwar
 Name :- Rajesh Panwar
 Designation :- D.C.F.O. (NDZ)

Sh. Gurmukh Singh
 Name :- Sh. Gurmukh Singh
 Designation :- DO(CD)

Sh. M. K. Sharma
 Name :- Sh. M. K. Sharma
 Designation :- A. D.O. (CC)