

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001
Fax: 23412593, Email: cfohq.dlfire@nic.in Tel: - 01-23414333

NO. F6/DFS/MS/GH/2013/1102/929

Dated: 19/09/13

FIRE SAFETY CERTIFICATE

Certified that Chawri Bazar Underground Metro Station, Chawri Bazar Delhi-6 having two separate entrance and exits at Chawri Bazaar Chowk and Amar Cinema side. The building at Amar Cinema side comprised of ground floor with four basements and four upper floors including one mezzanine floor was inspected by officers concerned of this department. The premise was re-inspected by the officers concerned of this department on 27-05-2013 in the presence of Sh. Diwivedi, Station Manager and Sh. Vishal, JE/E&M of DMRC. The Chawri Bazar Underground 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 / building is fit for occupancy of metro-rail station with effect from 19/09/13 for a period of 03 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 19/09/13 at New Delhi by.


(DR. G.C. MISRA)
CHIEF FIRE OFFICER
DELHI FIRE SERVICE

Copy to: -

1. Chief General Manager, Architecture, Delhi Metro Rail Corporation Ltd. Bahwan,
Fire Brigade Lane New Delhi. 110001

Conditions for the validity of fire safety certificate

- a. All the fire safety and means of escape facilities shall be maintained in good working conditions at all time.
- b. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
- c. Building Sanctioning authority may verify any deviation with regard to the construction / occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
- d. The trained fire fighting staff shall be available round the clock.
- e. 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 website www.dfs.delhigovt.nic.in

INSPECTION REPORT

1. Name & address of the building: Chawri Bazar Metro Station (Amar Cinema Side)
2. Type of Occupancy: Assembly (Metro Station)
3. Type of Case: New Case / Renewal
4. Details of previous NOC: N/A
5. Fire Safety directives letter No: N/A
6. Date of inspection: 27-05-2013
7. Name of the Inspecting Officers: DO. P.S. Yadav & ADO Sanjay Tomar
8. Name and designation of officers from the building side: Sh. Diwivedi, Stn. Mgr & Sh. Vishal, J.E./E.M.
9. Year of Construction: 2005
10. Applicant's letter No: DMRC/13/CA/253 dt. 03-01-2013

	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	6 m	10 m	MR
	• Gate width	2 m	2-5 m	MR
	• Width of internal road	6 m	2-7 m	Fake (HAR) accomplished
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	Two	Two Provided	MR
	• Basements	Two	4 - B-6 to B-5 2 - B-5 to B-4 6 - B-4 to Ground	MR
	b. Width of staircases			
	• Upper Floors	1.2 m	1.2 m Provided	MR
	• Basements	1.2 & 2 m	Provided 1.2 m 2-5 m	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	e. No. of continuous staircases to terrace	One	Two provided	MR
	g. Width of Corridor	2 m	2 m Provided	MR
	h. Door Size	1 m	1 m provided	MR
3	Compartmentation.			
	• Fire check door	Required	Provided in all operational rooms	MR

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	<ul style="list-style-type: none"> Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers 	Required	Provided	MR
		2 Hr.	2hr. Provided	MR
		Not Required	-	N/A
		Required	Provided	MR
4	Smoke Management System.			
	<ul style="list-style-type: none"> Basements Upper floors 	30 a/c per hour	Provided as per NFPA	MR
		12 a/c per hour	Provided as per NFPA	MR
5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	55 nos CO ₂ , W.CO ₂ & DCP ISI marked	55 nos. Provided	MR
			Provided	MR
			Provided	MR
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	One at each level	Provided one on each floor or No. on platform	MR
		30 m	Provided	MR
		5 mm	Provided	MR
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Smoke & heat	Provided	MR
		Control Room	Provided in ^{Str. Control} Room	MR
		Ground Lev.	Provided near Floor entrance	MR
		Required	DG & UPS Provided	MR
		In all Areas	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	Required in fresh rooms & escalator	Provided	MR
		N/A	N/A	N/A
		N/A	N/A	N/A
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	100 mm	Provided	MR
		one at each level	Provided	MR
		One at each level	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	N/A	N/A	N/A
		N/A	N/A	N/A

13	Pumping Arrangements.		
<ul style="list-style-type: none"> • Ground Level <ul style="list-style-type: none"> ➤ Discharge of main Pump ➤ Head of Main pump ➤ Number of main pumps ➤ Jockey Pump out put ➤ Jockey pump head ➤ Standby Pump out put ➤ Standby Pump Head ➤ Auto Starting/ Manual stopping ➤ Pump House Access • Terrace level <ul style="list-style-type: none"> ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pum 			
	2850 LPM	Provided	MR
	70 M	Provided	MR
	02	02 Provided	MR (01 Pump for Sprinkler)
	180 LPM	Provided	MR
	70 M	Provided	MR
	2850 LPM	Provided	MR
	70 M	Provided	MR
	Required	Provided	MR
	→ Access through Stair	Pump House at terrace	Provided MR
	2850 LPM	Provided	MR
	70 M	Provided	MR
	Required	Provided	MR
Required	Provided	MR	
14	Captive Water Storage for fire fighting.		
<ul style="list-style-type: none"> • Underground tank capacity ➤ Draw-off connection ➤ Fire service inlet ➤ Access to tank • Overhead Tank capacity 	-	-	-
	N/A	N/A	N/A
	Required	Provided	MR
	N/A	N/A	N/A
	1,00,000 Ltrs	Provided	MR
15	Exit Signage.	Required	Provided MR
16	Provision of Lifts.		
<ul style="list-style-type: none"> • Pressurization of Lift Shaft • Pressurization of Lift lobby • Communication In lift Car • Fireman's Grounding Switch • Lift Signage 	-	-	-
	N/A	N/A	N/A
	Required	Provided	MR
	Required	Provided	MR
	Required	Provided	MR
17	Standby power supply	Required	UPS & DG Set supply Provided MR
18	Refuge Area.		
<ul style="list-style-type: none"> ➤ Total Area ➤ Location 		M	
			A
19	Fire Control Room		
• Detector System Panel	Required	Provided in SCR	MR

Metro Station, Chawri Bazar, Delhi-6

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	<ul style="list-style-type: none"> • Flow Switch Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> • PA System Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> • Batter backup 	Required	Provided	MR
	<ul style="list-style-type: none"> • Building Floor Plans 	Required	Provided	MR
20	Special Fire Protection Systems for Protection of special Risks, if any:	Required	Total Gas flooding system provided for ASS & UPS rooms	MR

The fire protection systems provided in the building were test 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 rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010/ issue shortcomings as noted at serial numbers.....

Signature of the Inspecting Officer
 Name Sanjay Kumar Tomar
 Designation Asstt. Dirn'l. Officer ?

Signature of the Inspecting Officer
 Name J.S. Yadav
 Designation D.O. (C.D) ?

