

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**HEADQUARTERS, DELHI FIRE SERVICE, NEW DELHI-110001**  
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No.F6/DFS/MS/2014/*Metro/sz/1524*

Dated : *28/04/14*

**FIRE SAFETY CERTIFICATE**

Certified that the **Dhaura Kuan Elevated Metro Station of Airport Metro Express Line** located at **Dhaura Kuan, New Delhi**. comprised of **Basement , Ground + 2 Upper Floor** was granted NOC by this department vide letter No./F6/DFS/MS/2011/360 dated 22/02/11 The premises was re-inspected by the officer concerned of this department on 04/04/14 in the presence of **Mr. Ankit Raj & Lalit Mohan S.E. (E&M)** and found that the said premises 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 fit for occupancy class **Assembly Building Metro Station Group - D** with effect from *28/04/14* for 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 subject to conditions printed below.

Issued *28/04/14* at New Delhi by.

  
(Dr. G.C. Misra)  
Chief Fire Officer  
Delhi Fire Service

Copy to:- (1) Dhaura Kuan Elevated Metro Station of Airport Metro Express Line  
at Dhaura Kuan, New Delhi.

(2) Mr. Arun Sharma (DGM/E&M),  
DMRC, Metro Bhawan, Fire Brigade Lane,  
Barakhamba Road, New Delhi-110001.

Following fire safety directives must be adhered to:-

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
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. The basement shall be used as per the provisions of BBL.
6. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
7. 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)

**INSPECTION REPORT**

1. Name & address of the building:- Dhaula Kuan Elevated Metro Station of Airport Metro Express Line at Dhaula Kuan, New Delhi.
2. Type of occupancy:- Assembly Building Metro Station Group-D.
3. Type of case:- Renewal
4. Details of previous NOC:-No./F6/DFS/MS/2011/360 dated 22/02/11
5. Fire safety directives No.- N/A
6. Date of inspection:- 04/04/14.
7. Name of the inspecting officer:- D.O. D.P. Bharadwaj & A.D.O. S.S. Kaushik
8. Name & designation of officer  
From the building side:- Mr. Ankit Raj & Mr. Lalit Mohan S.E. (E&M).
9. Year of construction:- 2010.
10. Applicant's letter No:-DMRC/O&M/Fire/NOC/AMEL/2014/02 dated 02/02/14 Basement,  
Ground + 2 Upper Floor

				Old case
S.No.	Minimum Standards on fire Prevention and fire safety U/R 33	NBC /BBL /NFPA Requirement	Provided at site	Remarks MR/NMR
<b>1.</b>	<b>Access to Building</b>			
	1) Road width	12 mtr.	Provided	MR
	2) Gate width	N/A	N/A	N/A
	3) Width of internal road	N/A	N/A	N/A
<b>2.</b>	<b>Number, Width Type &amp; Arrangement of Exits</b>			
	A. Number of staircases			
	1. Upper floors	2 Nos.	2 Nos.	MR
	2. Basements	5 Nos.	5 Nos.	MR
	B. Width of staircase			
	1. Upper floors	1.50 mtr.	1.50 mtr. each	MR
	2. Basements	1.50 mtr.	1.50 mtr. each	MR
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	N/A	N/A	N/A
	D. No. of continuous staircase to terrace	Required	One	MR
	E. Width of corridor	Required	Provided	MR
	F. Door size	N/A	N/A	N/A
<b>3.</b>	<b>Compartmentation</b>			
	1) Fire check door	Required	Provided	MR
	2) Sealing of electrical shafts	N/A	N/A	N/A
	3) Fire rating of shaft door	N/A	N/A	N/A
	4) Water curtain	N/A	N/A	N/A
	5) Fire Dampers	Required	Provided	MR
<b>4.</b>	<b>Smoke Management System</b>			
	1) Basements	30 a/c per hour	Mechanical	MR
	2) Upper floors	12 a/c per hour	Mechanical	MR
<b>5.</b>	<b>Fire Extinguishers</b>			
	1) Total numbers		80 Nos.	MR

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	2) Types	ISI Marked	ABC & W.Co2	MR
	3) ISI marking		Yes	MR
<b>6.</b>	<b>First-Aid Hose Reel</b>			
	1) Total number of each floor	Basement floor-3,ground floor-1,concourse & platform-6	Basement floor-3,ground floor-1,concourse & platform-6	MR
	2) Length of hose reel hose	30 m	Yes	MR
	3) Nozzle diameter	5 mm	Yes	MR
<b>7.</b>	<b>Automatic Fire Detection &amp; Alarming System</b>			
	1) Type of detectors	Smoke	Provided	MR
	2) Location of main panel	Required	Provided	MR
	3) Location of repeater panel	N/A	N/A	N/A
	4) Alternate source of power	Yes	Provided	MR
	5) Hooter's Location	at all floors	Provided	MR
<b>8.</b>	<b>MOEFA</b>	Yes	Provided	MR
<b>9.</b>	<b>Public Address System</b>	Required	Provided	MR
<b>10.</b>	<b>Automatic Sprinkler System</b>			
	1) Basement	Required	Provided in elevator only	MR
	2) Upper floors	N/A	N/A	N/A
	3) Sprinkler above false ceiling	N/A	N/A	N/A
<b>11.</b>	<b>Internal Hydrants</b>			
	1) Size of riser/down-comer	Required	150 mm.	MR
	2) Number of hydrants per floor	Basement floor-3,ground floor-1,concourse & platform-6	Provided	MR
	3) Hose box	Basement floor-3,ground floor-1,concourse & platform-6	Provided	MR
<b>12.</b>	<b>Yard Hydrants</b>			
	1) Total number of hydrants	10 Nos.	10 Nos.	MR
	2) Hose box	10 Nos.	10 Nos.	MR
<b>13.</b>	<b>Pumping Arrangement</b>			
	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	One	One	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	Yes	Yes	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

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	d) Auto starting of pump	N/A	N/A	N/A
14.	<b>Captive Water Storage for Fire Fighting</b>			
	1) Under ground tank capacity	2,00,000 Ltrs.	2,00,000 ltrs.	MR
	a) Draw-off connection	Yes	Provided	MR
	b) Fire service inlet	Yes	Provided	MR
	c) Access to tank	N/A	N/A	N/A
	d) Over head tank capacity	N/A	N/A	N/A
15.	<b>Exit Signage.</b>	Yes	Provided	MR
16.	<b>Provision of Lifts.</b>			
	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	N/A	N/A	N/A
	d) Fireman's switch	Yes	Provided	MR

	e) Lift signage	Yes	Provided	MR
17.	<b>Stand by Power Supply</b>	Yes	Provided	MR
18.	<b>Refuge Area</b>	N/A	N/A	N/A
	Total area location	N/A	N/A	N/A
19.	<b>Fire Control Room</b>	N/A	N/A	N/A
	a) Detector system panel	Yes	Provided	MR
	b) Flow switch panel	N/A	N/A	N/A
	c) PA system panel	Yes	Provided	MR
	d) Battery backup	Yes	Provided	MR
	e) Building floor plan	Yes	Provided	MR
20.	<b>Special Fire Protection System for Protection of special Risk, if any:</b>			MR

The fire protection system provided in the building were 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 NOC issued vide letter No.F6/DFS/MS/2011/360 dated 22/02/11. renewal under rule35 of the Delhi Fire Service rules 2010 is recommended.

Accordingly DFA is put up please

Signature of the inspecting officer

Signature of the inspecting officer

Name:- D.P. Bharadwaj

Name:- S.S. Kaushik.

Designation:- Divisional Officer

Designation:- Assistant Divisional Officer