

403

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

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No. F6/DFS/MS/~~2012~~2015/ N02/231

Dated 17/02/15

FIRE SAFETY CERTIFICATE

Certified that the **Shivaji Stadium Airport Merto Station** of **Airport Metro Express Line New Delhi** was granted NOC by this department vide letter **No.F6/DFS/MS/2012/1273 dated 11-04-2012**. The premises was re-inspected by the officer concerned of this department on 27-01-2015 in the presence of Sh. Uma Shankar Sharma SE-II (E&M) & Sh. Ankit Raj (Fire Inspector) and found that the said Metro Station **Except (Retail area)** 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 17/02/15 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 on17/02/15..... 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"

N/12

INSPECTION REPORT

1. Name & address of the building : Shivaji Stadium Airport Metro Station
2. Type of Occupancy : Assembly Building ~~only Metro station~~
3. Type of Case : **Renewal**
4. Details of previous NOC : F6/DFS/MS/2012/1273 dated 11/04/2012
5. Fire Safety directives Letter No. : NA
6. Date of inspection : 27/01/2015
- 7 Name of the Inspecting Officer : Sh. G.S. Chauhan (DO/CD) & Sh. M. K. Sharma (ADO/CC)
- 8 Name and designation of Officer
from the building side : Sh. Uma Shankar Sharma SE-II (E & M) &
Sh. Ankit Raj (Fire Inspector)
- 9 Year of Construction : 2011
10. Applicant's letter No. : DMRC/O&M/Fire/NOC/AMEL/2014/08 dated 07/11/2014.

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	12 Mtr.	18 Mtr.	MR
	• Gate width	NA	NA	NA
	• Width of internal road	6 Mtr.	6 Mtr.	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	NA	NA	NA
	• Basements	03	03	MR
	b. Width of staircases			
	• Upper floors	NA	NA	NA
	• Basements	1.5 Mtr.	1.5 Mtr.	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No of continuous staircase to terrace	NA	NA	NA
	e. Width Of Corridor	2 Mtr.	2 Mtr.	MR
	f. Door Size	1.5 Mtr.	2 & 1.5 Mtr.	MR
3.	Compartmentation			

5. Fire Safety directives Letter No. : NA
6. Date of inspection : 27/01/2015
- 7 Name of the Inspecting Officer : Sh. G.S. Chauhan (DO/CD) & Sh. M. K. Sharma (ADO/CC)
- 8 Name and designation of Officer
 from the building side : Sh. Uma Shankar Sharma SE-II (E & M) &
 Sh. Ankit Raj (Fire Inspector)
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1.	Access of building			
	• Road width	12 Mtr.	18 Mtr.	MR
	• Gate width	NA	NA	NA
	• Width of internal road	6 Mtr.	6 Mtr.	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	NA	NA	NA
	• Basements	03	03	MR
	b. Width of staircases			
	• Upper floors	NA	NA	NA
	• Basements	1.5 Mtr.	1.5 Mtr.	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No of continuous staircase to terrace	NA	NA	NA
	e. Width Of Corridor	2 Mtr.	2 Mtr.	MR
	f. Door Size	1.5 Mtr.	2 & 1.5 Mtr.	MR
3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	Required	Provided	MR
	• Water Curtain	NA	NA	NA
	• Fire Dampers	Required	Provided	MR

Mev

N/13

4	Smoke managements System			
	• Basements	30 ACPH	Provided	MR
	• Upper floors	NA	NA	NA
5	Fire Extinguishers			
	• Total numbers	20 Nos.	23 Nos.	MR
	• Types	ABC & CO ₂	ABC & CO ₂	MR
	• IS marking	Required	Provided	MR
6	First - Aid Hose Reels			
	• Total numbers on each floor	04	04	MR
	• Length of hose reel hose	30 Mtr.	30 Mtr.	MR
	• Nozzle diameter	05 MM	05 MM	MR
7	Automatic fire detection and alarming system			
	• Type of detectors	Required	Provided	MR
	• Location of Main Panel	Control Room	Station Control Room	MR
	• Location of Repeater Panel	Main Entry	Each floor	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Required	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler			
	• Basements	NA	NA	MR
	• Upper Floor	NA	NA	NA
	• Sprinkler above false ceiling	NA	NA	NA
11	Internal Hydrants			
	• Size of riser/down- comer	150 MM	150 MM	MR
	• Number of hydrants per floor	4 Nos.	4 Nos.	MR
	• Hose Box	4 Nos.	4 Nos.	MR
12	Yard Hydrants			
	• Total number of hydrants	14 Nos.	14 Nos.	MR
	• Hose Box	14 Nos.	14 Nos.	MR
13	Pumping Arrangements			
	○ Ground Level			
	• Discharge of main pump	4500 LPM	4500 LPM	MR
	• Head of main pump	80 Mtr.	80 Mtr.	MR

	Types	Required	Provided	MR
6	First - Aid Hose Reels			
	• Total numbers on each floor	04	04	MR
	• Length of hose reel hose	30 Mtr.	30 Mtr.	MR
	• Nozzle diameter	05 MM	05 MM	MR
7	Automatic fire detection and alarming system			
	• Type of detectors	Required	Provided	MR
	• Location of Main Panel	Control Room	Station Control Room	MR
	• Location of Repeater Panel	Main Entry	Each floor	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Required	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler			
	• Basements	NA	NA	MR
	• Upper Floor	NA	NA	NA
	• Sprinkler above false ceiling	NA	NA	NA
11	Internal Hydrants			
	• Size of riser/down- comer	150 MM	150 MM	MR
	• Number of hydrants per floor	4 Nos.	4 Nos.	MR
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12	Yard Hydrants			
	• Total number of hydrants	14 Nos.	14 Nos.	MR
	• Hose Box	14 Nos.	14 Nos.	MR
13	Pumping Arrangements			
	○ Ground Level			
	• Discharge of main pump	4500 LPM	4500 LPM	MR
	• Head of main pump	80 Mtr.	80 Mtr.	MR
	• Number of main pumps	01 No.	01 No.	MR
	• Jockey pump out put	180 LPM	180 LPM	MR
	• Jockey pump head	80 Mtr.	80 Mtr.	MR
	• Standby Pump out put Elec.	4500 LPM	4500 LPM	MR
	• Standby Pump Head	80 Mtr.	80 Mtr.	MR
	• auto Staring/Manual stopping	Required	Provided	MR
		Required	Provided	MR

MR

	<ul style="list-style-type: none"> • Pump House Access ○ Terrace level • Discharge of pump • Head of the pump • Power supply • Auto starting of pump 	NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
14	Captive water Storage for fire fighting			
	<ul style="list-style-type: none"> • Under ground tank capacity • Draw off connection • Fire service inlet • Access to tank • Overhead Tank capacity 	2,00,000 ltr.	2,00,000 ltr.	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		NA	NA	NA
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 	NA	Open glass lift	NA
		NA	NA	NA
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	Standby power supply	Required	Provided	MR
18	Refuge Area			
	<ul style="list-style-type: none"> • Total area • Location 	NA	NA	NA
		NA	NA	NA
19	Fire control room			
	<ul style="list-style-type: none"> • Detector system panel • Flow Switch Panel • PA System Panel • Battery backup • Building Floor Plans 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
20	Special Fire Protection Systems for Protection of special Risks, if any;	Required	ABC, Co ₂	MR

The fire protection systems provided in the building were randomly 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 rules, grant of fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010 / is recommended please.

Signature of the Inspecting Officer

Name :- G.S Chauhan

Signature of the Inspecting Officer

Name :- M.K. Sharma