

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE, NEW DELHI- 110001

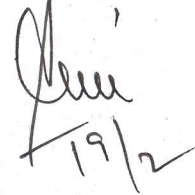
NO. F6/DFS/MS/School/2016/SZ/ 289

Dated: 19/02/16

FIRE SAFETY CERTIFICATE

Certified that the DMRC Train Depot building (Airport Express Line), located at Sector-21, Dwarka, New Delhi-110075, was granted NOC by this department vide letter no. F.6/DFS/MS/2010/3327 dated 10-12-2010 for basement, ground plus four levels excluding part of basement (Grid 1 to 5), first and second (Grid 1 to 6) and third and fourth floor complete. The building was re-inspected by the officers concerned of this department on 19.1.2016 in presence of Sh. Kumar Waibhav, Assistant Manager (Fire) DMRC and found that the DMRC management 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 building/premises is fit for mixed occupancy "Train Depot cum Business" for basement, ground, first, second and third floor (excluding fourth floor which is lying vacant) with effect from19/02/16...for a period of **three years** in accordance with the rule 36 unless renewed under rule 37 or sooner cancelled under Rule 40 subject to compliance of the conditions under rule 38 of the Delhi Fire Service Rules 2010, printed overleaf.

Issued on19/02/16..... at New Delhi by


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(Dr. G. C. Misra)
Chief Fire Officer
01C Delhi Fire Service
Ph. 23414333

Copy to:

1. Sh. Rajesh Aggarwal, Sr. DGM/E&M, Metro Bhawan, Fire Brigade lane, New Delhi

Following fire safety directives must be adhered to:-

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
5. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
6. Basement shall be used as per the building bye laws.
7. The owner/occupier shall submit a declaration every year in the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010. form is available on www.dfs.delhigovt.nic.in.
8. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in the Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry.

INSPECTION REPORT

1	Name & address of the building	Dwarka Depot Sec-21(DMRC Airport Express Line)
2	Type of Occupancy	Mixed Occupancy (Business building) + Train Depot
3	Type of case	Renewal/ Addition of Basement Grid 1 to 5, 3rd Floor
4	Details of previous NOC	F6/MS/DFS/2010/3327 Dated. 10.12.2010
5	Fire safety directives letter No	F6/DFS/MS/BP/2010/2000 dated 7.7.2010
6	Date of inspection	19.01.2015
7	Name of the inspecting Officers :	DO Shri Sanjay tomar & ADO Shri Satpal Bhardwaj
8	Name and designation of officers from the building side	Shri Kumar Waibhav, Asstt. Manager (Fire) DMRC
9	Year of construction	2010
10	Applicant's letter No.	DMRC/O&M/Fire/NOC/DAMEL/2015/33 Dated 22.12.2015

Basement, Ground + 4 upper floors.

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR / NMR
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1	Access to building			
	1) Road width	9 Meters	13 Meters	MR
	2) Gate width	5 Meters	11 Meters	MR
	3) Width of internal road	6 Mtrs.	6 Meters	MR

2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	8 Nos. (4 Nos. Ground to rerrace 4 Nos. 2nd floor to Terrace)	8 Nos. (4 Nos. Ground to rerrace 4 Nos. 2nd floor to Terrace)	MR
	2. basements	5 Nos. & 2 Ramps.	4 Nos. B-1 to Terrace 2 Nos. B-1 to Ground	MR
	b. Width of staircase			
	1. Upper floors	1.5 Meters	1.5 Meters	MR
	2. basements	2 Meters	3.6 Meters (on platform No.1) rest 2.2 Mtrs. Each.	MR
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	MR
	d. No. of continuous staircase to terrace	3 Nos.	3 Nos.	MR
	e. Width of corridor	2 Mtrs.	2.4 Mtrs.	N/A
	f. Door size	1 Mtr.	1 Mtr.	MR

3	Compartmentation.			
	1. Fire check door	Required	Provided	MR
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	2 Hrs	2 Hrs	MR
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	Required	Provided	MR

4	Smoke Management system.			
	basement	Required	Provided	MR
	upper floors	Required	Provided	MR

5	Fire Extinguishers			
	total numbers	As per IS 2190	550 Nos	MR

6	First-Aid Hose Reels			
	total numbers on each floor	9 Nos. each floor	9 Nos On each Floor	MR
	Length of Hose reel hose	30 M	Provided	MR
	Nozzle Diameter	5 mm	Provided	MR
7	Automatic fire detection and alarming system			
	Type of detectors	Smoke / Heat	Provided	MR
	location of Main Panel	Control Centre	Control Centre	MR
	location of Repeater panel	Ground Floor	Ground Floor	MR
	Alternate source of power	DG Set	DG Set	MR
	hooter's location	At all locations	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	basement	Required	Provided	MR
	upper floors	Required	Provided	MR
	sprinkler above false ceiling	Required	Provided	MR
11	Internal Hydrants			
	Size of riser/down-corner	150 mm	150 mm	MR
	Number of Hydrants per floor	Bsmt.5, GF-4,First to 4th Floor-9,Terrace-9	Bsmt.5, GF 4,First to 4 th Floor-9, Terrace-9	MR
	hose Box	Required	Provided	MR
12	Yard Hydrants.			
	total number of hydrants	10 Nos.	10 Nos.	MR
	hose box	Required	Provided	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	2850 LPM	Provided	MR
	b.Head of main pump	70 M	Provided	MR
	c.Number of main pumps	01 Hyd & 01 Spk	Provided	MR
	d.jockey pump out put	2 X 180 LPM	Provided	MR
	e.jockey pump head	70 M	Provided	MR
	f. Standby Pump output	2850 LPM	Provided	MR
	g.Stanby Pump head	70 M	Provided	MR
	h.Auto Starting/Manual stopping	Required	Provided	MR
	pump house access			
	2.Terrace level			
	a. Discharge of pump	N/A	N/A	N/A
	b. head of the 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. Underground tank capacity	2,00,000 Ltrs.	2,00,000 Ltrs.	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	Required	Provided	MR
	c.Access to tank	Required	Provided	MR
	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	Required	Provided	MR
	b. pressurization of lift lobby	Required	Provided	MR
	c. communication in lift car	Required	Provided	MR
	d. Fireman's grounding switch	Required	Provided	MR
	e. Lift signage	Required	Provided	MR
17	Standby power supply	Required	Provided	MR

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18	Refuge Area.			
	total area	N/A	N/A	N/A
	location	N/A	N/A	N/A
19	Fire control room			
	a. Detector system Panel	Required	Provided	MR
	b. Flow switch Panel	Required	Provided	MR
	c. PA system Panel	Required	Provided	MR
	d. Battery backup	Required	Provided	MR
	e. Building floor plans	Required	Provided	MR
20	Special Fire Protection System for Protection of special Risks, if any:	Argonite gas flooding system 541 for TER, SER, & UPS S&T rooms & Co2 For ASS		

The fire protection systems provided in the building were checked and found functional at the time of inspection, *except on 4th floor, which is lying vacant at present.*

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 rules 35 of the Delhi Fire Service Rules 2010.

Accordingly DFA is put up for approval and signature please.

Sanjay Kumar Tomer
4/2/16

Signature of the Inspecting Officer

Name Sanjay Kumar Tomer

Designation DO (South West)

S.P. Bhardwaj
4/2/16

Signature of the Inspecting Officer

Name S.P. Bhardwaj

Designation ADO (Dwarka)