

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


NO. F6/DFS/MS/Resid./2012/ 4754

DATED: 24/12/12

FIRE SAFETY CERTIFICATE

Certified that the M/s Staff Quarters for DMRC at Sarita Vihar Metro Train Depot Complex, New Delhi, two type II & III, type III block A, B, comprised of (ground plus eight upper floors) , E block (ground plus seven upper floors) and type II block C & D (ground plus seven upper floors) owned/occupied by M/s DMRC have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officers concerned of Fire Service on 10.12.2012 in the presence of Mr. I.P.Singh, Mr Gautam Kumar and that the building is fit for occupancy class A-4 "Residential Building" with effect from 24/12/12 for a period of **five 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 Rule, 2010, subject to condition as mentioned below.

Issued on 24/12/12 at New Delhi by


Chief Fire Officer
Delhi Fire Service

Copy to,

1. The Dy. Chief Architect-V, DMRC, NBCC Place, BP Marg, Pragati Vihar, Delhi.
2. Mr. R. D. Gupta, Dy Chief Electrical Engineer, Metro Bhawan, Fire Brigade Lane, Barakhamba Road 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. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
- b. 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.
- c. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- d. The basement shall be used strictly as per the provisions of Building Bye laws.
- 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 www.dfs.delhigovt.nic.in

INSPECTION REPORT

1	Name & address of the building	M/S Staff Quarters for DMRC at Sarita Vihar Metro Train Depot Complex, New Delhi		
2	Type of Occupancy	Residential "A-4"		
3	Type of case	New		
4	Details of previous NOC	No		
5	Fire safety directives letter No	F.6/DFS/MS/BP/2010/1797 Dated 18.06.2010		
6	Date of inspection	10.12.2012		
7	Name of the inspecting Officers :	D.O. (South) D.P. Bhardwaj,		
8	Name and designation of officers	Mr. I.P. Singh, Mr. Gautam Kumar		
9	Year of construction	2012	Type III Block A & B Ground plus 8 upper floors & E Block Ground plus 7 upper floors, Type II Block C & D Ground plus 7 upper floors	
10	Applicant's letter No.	DMRC/E&M/Ph-II/Staff Qtr/S. Vihar, Dated 14.11.2012		
S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR / NMR
1	Access to building			
	1) Road width	Accessible	6 Mtr Provided	MR
	2) Gate width	5mtrs	5 Mtr Provided	MR
	3) Width of internal road	6 Mtr	6 Mtr up to wall Provided	MR
2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	Two in each block	Two in each block Provided	MR
	2. basements	N/A	N/A	N/A
	b. Width of staircase			
	1. Upper floors	1.5 mtrs	1.5 Mtr Provided in each block	MR
	2. basements	N/A	N/A	N/A
	c. Protection of exits.			
	1. Fire check door	N/A	N/A	N/A
	2. Pressurization	N/A	N/A	N/A
	d. No. of continuous staircase to terrace	Two in each block	Two in each block Provided	MR
	e. Width of corridor	N/A	N/A	N/A
	f. Door size	1 Mtr	1 Mtr	MR
3	Compartmentation.			
	1. Fire check door	N/A	N/A	N/A
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	Required	Provided	MR
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	N/A	N/A	N/A
4	Smoke Management system.			
	basement	30 a/c per hour	12	N/A
		a/c per hour		N/A
	upper floors			Natural Ventinational
5	Fire Extinguishers			
	total numbers		18 Nos Provided in each Block	MR
	Types		ABC, Co2, Water Co2	MR
	ISI marking	ISI	Yes	MR

6	First-Aid Hose Reels.			
	Total numbers on each floor	One	One Provided	MR
	Length of Hose reel hose	30 m	36 Mtr Provided	MR
	Nozzle Diameter	5 mm	5 mm Provided	MR
7	Automatic fire detection and alarming system			
	Type of detectors	N/A	N/A	N/A
	location of Main Panel	N/A	N/A	N/A
	location of Repeater panel	N/A	N/A	N/A
	Alternate source of power	N/A	N/A	N/A
	hooter's location	N/A	N/A	N/A
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	basement	N/A	N/A	N/A
	upper floors	N/A	N/A	N/A
	sprinkler above false ceiling	N/A	N/A	N/A
11	Internal Hydrants			
	Size of riser/down-corner	100 mm	Provided	MR
	Number of Hydrants per floor	One	Provided	MR
	hose Box	One	Porvided	MR
12	Yard Hydrants.			
	total number of hydrants	Required	1No Provided in each block	MR
	hose box	Required	1No Provided in each block	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	N/A	N/A	N/A
	b.Head of main pump	N/A	N/A	N/A
	c.Number of main pumps	N/A	N/A	N/A
	d.jockey pump out put	N/A	N/A	N/A
	e.jockey pump head	N/A	N/A	N/A
	f. Standby Pump output	N/A	N/A	N/A
	g.Stanby Pump head	N/A	N/A	N/A
	h.Auto Starting/Manual stopping	N/A	N/A	N/A
	pump house access	N/A	N/A	N/A
	2.Terrace level			
	a. Discharge of pump	900 & 180 LPM	900 & 180 LPM Provided	MR
	b. head of the pump	40 mtr	40 Mtr Provided	MR
	c. Power supply	Required	Provided	MR
	d. Auto starting of pump	Required	Provided	MR
14	Captive water storage for fire fighting			
	1. Underground tank capacity	N/A	1,00,000 ltr Provided	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	25,000 ltr in each block	25,000 ltr Provided in each block	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of lifts.			
	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	Required	Provided	MR
	d. Fireman's grounding switch	Required	Provided	MR
	e. Lift signage	Required	Provided	MR
17	Standby power supply	Required	Provided	MR

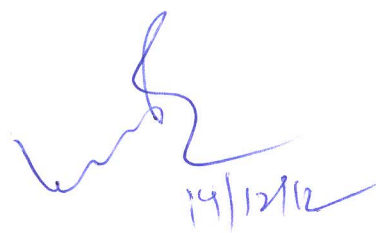
18	Refuge Area.	Not Required		
	total area			
	location			
19	Fire control room			
	a. Detector system Panel	N/A	N/A	N/A
	b. Flow switch Panel	N/A	N/A	N/A
	c. PA system Panel	Required	Provided	MR
	d. Batter backup	Required	Provided	MR
	e. Building floor plans	Required	Provided	MR
20	Special Fire Protection systems for protection of special risks, if any:			

The fire protection systems provided in the building were 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 rules 35 of the Delhi Fire Service Rules 2010 Accordingly DFA is put up for your approval and signature please.

Signature of the inspecting officer

Name D. P. Bhardwaj

Designation : Divisional Officer (South)



14/12/12