FORM 'H'
FORM FOR ISSUING FIRE SAFETY CERTIFICATE
[Refer sub - rule (1) of rule 35]
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE, CONNAUGHT PLACE
NEW DELHI

No. FC/DFS/MS/2016/W2/222 Dated: 08/02/16

FIRE SAFETY CERTIFICATE

Certified that the **DLF Residential Block Nos. 1, 2, 3, 4 & 20 located at Flatted Factory Complex, Plot No. 15, Shivaji Marg, New Delhi – 110015** comprised of Tower – 1 = 3 Basement + Ground + 21 Upper Floors, Tower – 2 = 3 Basement + Ground + 24 Upper Floors, Tower – 3 = 3 Basement + Ground + 26 Upper Floors, Tower – 4 = 3 Basement + Ground + 26 Upper Floors, Tower – 20 = 3 Basement + Ground + 26 Upper Floors owned/ occupied by **DLF Home Developers Limited** have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rule, 2010 and verified by the officer concerned of this department on 27-01-2016 in the presence of Mr. Siddhartha Malhotra (VP – Coordination) and found that the said building that the premises is fit for occupancy class " Residential" Group A with effect from 08/02/16 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 Rules, 2010.

Issued on ...08/02/16.... at New Delhi by.

(Santokh Singh)
Chief Fire Officer
Delhi Fire Service
Tel . -011-23424250

Copy to:
1. The Authorized Signatory,
   DLF Home Developers Ltd.
   DLF Centre, Sansad Marg,
   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 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 building bye laws.
7. The owner/ occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form 'J' [sub rule (1) of rule 37] along with a copy of this certificate, six months prior to its expiry.
8. 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.

INSPECTION REPORT

1. Name & address of the building: DLF Residential Tower Nos. 1, 2, 3, 4 & 20 and Three Level Basement in Flatted Factory Complex, Plot No. 15, Shivaji Marg, New Delhi – 110015.
2. Type of Occupancy : Residential (Tower – 1 = 3 Basement + Ground + 21 Upper Floors, Tower – 2 = 3 Basement + Ground + 24 Upper Floors, Tower – 3 = 3 Basement + Ground + 26 Upper Floors, Tower – 4 = 3 Basement + Ground + 26 Upper Floors, Tower – 20 = 3 Basement + Ground + 26 Upper Floors). Basement is common for all the blocks in complex.
3. Type of Case : New
4. Details of previous NOC : Nil
5. Fire Safety directives Letter No. : Letter No. F6/DFS/MS/BP/2011/284 dated 14-02-2011
6. Date of inspection : 27-01-2016
7. Name of the Inspecting Officer : CFO (WZ), Dy. CFO (WZ), DO (West) & ADO (MN)
8. Name and designation of Officer from the building side : Sh. Siddhartha Malhotra (VP – Coordination)
9. Year of Construction : 2014-15
10. Applicant's letter No. : Nil Dated 11-01-2016

S No	Minimum standards on fire prevention and fire safety U/R 33	BBL Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	12 m	Provided	MR
	• Gate width	4.5 m	Provided	MR
	• Width of internal road	6 m	Provided	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	2 staircase in each tower	Provided	MR
	• Basements	32 + 7 ramps	Provided	MR
	b. Width of staircases			
	• Upper floors	1.5 m	Provided	MR
	• Basements	1.5 m	Provided	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Not Required	Not Provided	NR
	d. No of continuous staircase to terrace	2 in each Tower	Provided	MR
	e. Width Of Corridor	As per sanctioned plan Tower – 1=1800mm Tower – 2=1800mm Tower – 3=1500mm/1550mm Tower – 4=1800mm Tower – 20 =1550mm **As per NBC 1.5m**	Tower – 1 = 1700mm & 1720mm, Tower – 2 = 1700mm/ 1720mm, Tower – 3 = 1700mm/ 1720mm, Tower – 4 = 1720 mm, Tower – 20 = 1500mm	MR (As Per NBC)
	f. Door Size	1 m	Provided	MR
3.	Compartmentation			
	• Fire check door	Required	Provided	MR

	• Fire Rating of shaft door	Required	Provided	MR
	• Water Curtain	Required	Provided	MR
	• Fire Dampers	Not Required	Provided	NR
4.	Smoke managements System			
	• Basements	30 a/c per hour	Provided	MR
	• Upper floors	Natural Ventilation	Provided	MR
5.	Fire Extinguishers			
	• Total numbers	4 nos. per floor	Provided	MR
	• Types	CO_2 & WCO_2	Provided	MR
	• IS marking	ISI marked	Provided	MR
6.	First – Aid Hose Reels			
	• Total numbers on each floor	2 in each tower except Tower – 20, 1 required	2 in each tower except Tower – 20, 1 Provided	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	Required	Provided	MR
	• Location of Main Panel	G.F.	Provided	MR
	• Location of Repeater Panel	Required	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	At strategic location	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	• Basements	Required	Provided	MR
	• Upper Floor	Required	Provided	MR
	• Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants			
	• Size of riser/down-comer	150 mm/100 mm	Provided	MR
	• Number of hydrants per floor	2 in each tower except Tower – 20, 1 required	2 in each tower except Tower – 20, 1 Provided	MR
	• Hose Box	Required	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	Required	Provided	MR
	• Hose Box	Required	Provided	MR
13.	Pumping Arrangements			
	• Ground Level			
	• Discharge of main pump	A.For Towers = 5500 lpm B.For Basement = 2850 lpm	5500 lpm & 2850 lpm Provided	MR
	➢ Head of main pump	160 m for tower 75 m for basement	Provided	MR
	➢ Number of main pumps	2	Provided	MR
	➢ Jockey pump out put	2X280 lpm each for tower & basement	Provided	MR
	➢ Jockey pump head	160 m for tower 75 m for basement	Provided	MR
	➢ Standby Pump out put	A.For Towers = 5500 lpm B.For Basement = 2850 lpm	2X5500 lpm & 1X2850 lpm	MR

	➢ Pump House Access	Required	Provided	MR
	• Terrace level			
	➢ Discharge of pump	NR	900 lpm Provided	NR
	➢ Head of the pump	NR	35 m Provided	NR
	➢ Power supply	NR	Provided	NR
	➢ Auto starting of pump	NR	Provided	NR
14.	Captive water Storage for fire fighting			
	• Under ground tank capacity	5,40,000 litres (for residential towers), 3,00, 000 litres for basement	Provided	MR
	➢ Draw of connection	Required	Provided	MR
	➢ Fire service inlet	Required	Provided	MR
	➢ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	25000 litres in each tower	Provided	MR
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	➢ Pressurization of Lift Shaft	Required	Provided	MR
	➢ Pressurization of lift lobby	Pressurisation/ Natural Ventilation in service lift	Provided	MR
	➢ Communication in lift Car	Required	Provided	MR
	➢ Fireman's Grounding Switch	Required	Provided	MR
	➢ Lift Signage	Required	Provided	MR
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area			
	➢ Total area	NA	NA	NA
	➢ Location	NA	NA	NA
19.	Fire control room: Provided in Tower – 1			
	➢ Detector system panel	Required	Provided	NR
	➢ Flow Switch Panel	Required	Provided	MR
	➢ PA System Panel	Required	Provided	MR
	➢ Battery backup	Required	Provided	MR
	➢ Building Floor Plans	Required	Provided	MR
20.	Special Fire Protection Systems for Protection of special Risks, if any;	Manually operated CO_2 flooding, Lightning Arrestor	FM 200 Provided, Lightning Arrestor Provided	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~~ .....

CFO/127
4/2/16
8/2/16

Signature of the Inspecting Officer 2/2/16

Name Mukesh Verma

Designation ADO (MN)

Signature of the Inspecting Officer

Name

Designation

DELHI FIRE SERVICE
Date 4/2/16
Diary No. 2334
DIRECTOR (OPS)

Clear