

NO.F6/DFS/MS/2014/SZ/ 425

DATED: 02/04/2014

FIRE SAFETY CERTIFICATE

Certified that the M/s Oak Infrastructure Developers Ltd (World Mark 2) at Asset no. 8, Hospitality District, Aero City, IGI Airport, New Delhi comprised of three tier basement, mezzanine floor, ground floor, plus six upper floors owned/occupied by M/s Oak Infrastructure Developers Ltd. 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 Delhi Fire Service on 19.03.2014 in the presence of Sh. Raghvendera Sharma of the building is fit for occupancy class E "Mixed Building" with effect from... 02/04/14... 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, subject to the conditions mentioned below.

Issued on 02/04/2014 at New Delhi by


(Dr. G.C. Misra)
Chief Fire Officer
Delhi Fire Service
Ph: - 011-23414333
o/c m

Copy To:-

1. The Authorized Signatory, M/s Oak Infrastructure Developers Ltd (World Mark-2) at Asset no. 8, Hospitality District, Aero City, IGI Airport, New Delhi
2. The Authorized Signatory, Property Division, Dial, New Udan Bhawan, T-3, Opp. ATS Complex, International Terminal, IGI Airport, New Delhi-110037.

Conditions for the validity of fire safety certificate

1. 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.
2. 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.
3. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
4. The basement shall be used strictly as per the provisions of Building Bye laws.
5. 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.
6. The qualified fire officer will be appointed when the building becomes operational.

N/7

INSPECTION REPORT

1	Name & address of the building	M/s Oak Infrastructure Developers Ltd.(World Mark-2), Asset no. 8. at Hospitality District, Near Mahipalpur Chowk, Aero City, IGI Airport, New Delhi.		
2	Type of Occupancy	Mixed Building		
3	Type of case	New		
4	Details of previous NOC	No		
5	Fire safety directives letter No	F6/DFS/MS/BP/2011/152 dated 25.01.2011		
6	Date of inspection	19.03.2014		
7	Name of the inspecting Officers	DO Dharampal Bhardwaj & ADO S.S Kaushik		
8	Name and designation of officers from the building side	Sh. Raghvendera Sharma		
9	Year of construction	2014		
10	Applicant's letter No.	Nil Dated 07.03.2014	Three tier basement, Mezzanine Floor, ground plus 6th 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	Required <i>9 m.</i>	9Mtr Provided	MR
	2) Gate width	Required <i>6 m.</i>	6 Mtr Provided	MR
	3) Width of internal road	Required <i>6 m.</i>	6 Mtr Provided	MR

2 Number, width Type & arrangement of exits

a. Number of staircases	1. Upper floors	Four as per sanctioned plan	Provided	MR	
	2. basements	Six + Ramp	Provided	MR	
	b. Width of staircase	1. Upper floors	1.5 Mtr	Provided	MR
		2. basements	1.5 Mtr	Provided	MR
	c. Protection of exits	1. Fire check door	Required	Provided	MR
		2. Pressurization	Required	Provided	MR
		d. No. of continuous staircase to terrace	Required	Four Provided	MR
	e. Width of corridor	Required <i>1.5 m.</i>	1.5 Mtr Provided	MR	
	f. Door size	Required	1.3 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	Required	Provided	MR
	4. water curtain	Required	Provided	MR
	5. Fire dampers	Required	Provided	MR

4 Smoke Management system.

	basement	30 a/c per hour	Mech. Ventilation	MR
	upper floors	12 a/c per hour		MR

5 Fire Extinguishers

	total numbers		180 Nos. Provided	MR
	Types		Co2, ABC , Water Co2	
	ISI marking	ISI	Provided	

6 First-Aid Hose Reels.

	total numbers on each floor	Required	Basement-08 Nos. & Upper floor- 4 Nos. Provided	MR
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N/8			
7	Automatic fire detection and alarming system		
	Type of detectors	Required <i>Smoke & Heat</i>	Provided MR
	location of Main Panel	Required	Ground floor Provided MR
	location of Repeater panel	Required	Provided MR
	Alternate source of power	Required	Provided MR
	hooter's location	Required	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	Required	150 MM Provided MR
	Number of Hydrants per floor	Required	Basement-08 Nos. & Upper floor- 4 Nos. Provided MR
	hose Box	Required	Basement-08 Nos. & Upper floor- 4 Nos. Provided MR
12	Yard Hydrants.		
	total number of hydrants	Required	6 Nos. Provided MR
	house box	Required	6 Nos. Provided MR
13	Pumping arrangements		
	1. Ground level		
	a. Discharge of main Pump	2280 LPM	Provided MR
	b. Head of main pump	105 Mtr	Provided MR
	c. Number of main pumps	Two	Provided MR
	d. jockey pump out put	180 LPM <i>2 Nos</i>	Provided MR
	e. jockey pump head	105 Mtr	Provided MR
	f. Standby Pump output	2280 LPM	Provided MR
	g. Stanby Pump head	105 Mtr	Provided MR
	h. Auto Starting/Manual stopping	Required	Provided MR
	pump house access	Required	Provided MR
	2. Terrace level		
	a. Discharge of pump	900 LPM	Provided MR
	b. head of the pump	35 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	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
	d. Over head tank Capacity	20,000 Ltr	Provided MR
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

N/a

	Standby power supply	Required	Provided	MR
18	Refuge Area.	Not Required		
	total area			
	location			
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. Batter backup	Required	Provided	MR
	e. Building floor plans	Required	Provided	MR
20	Special Fire Protection systems for protection of special risks, if any:	Required	Manually Co2 Flooding Protection System Provided in LT & HT Panel	MR

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 rule it is recommended to grant of 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
 25/3/14

Name :- Dharampal Bhardwaj

Designation : D.O


 Signature of the inspecting officer
 24/3/14

Name:- S.S. Kaushik

Designation : ADO