

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110 001

NO.

F6/DFSS/MS/2016/52/574

Dated: 12/04/16

FIRE SAFETY CERTIFICATE

Certified that M/S Social Infrastructure (Project- Redevelopment of East Kidwai Nagar contains two numbers Sr. Sec. Schools, Banquet Hall & Local Shopping Centre), Located at East Kidwai Nagar , New Delhi, comprised of two common basements for parking and services, two Sr. Sec. Schools=ground plus four upper floors, Banquet Hall=ground plus two upper floors & Local Shopping Centre=ground plus two upper floors, owned/occupied by Ministry of Urban Development, Govt. of India, 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 this department on dated 31.03.16 in the presence of Sh. Arun Kumar Sharma, General Manager (Engg) and that the building is fit for occupancy class "Schools=Educational, Banquet Hall=Assembly & Local Shopping Centre=Mercantile" with effect from 12/04/2016 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 Delhi Fire Service Rules,2010.

Issued on 12/04/2016 at New Delhi by


(Atul Garg)

Dy. Chief Fire Officer

T.No.011-26189168

To:- Sh. Arun Kumar Sharma, General Manager (Engg), NBCC Bhawan, Lodhi Road,
New Delhi-110003.

Conditions for the validity of fire safety certificate are as under:-

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on www.dfs.delhigovt.nic.in
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate, six month prior to its expiry.

INSPECTION REPORT

1	Name & address of the building	M/S Social Infrastructure (Project- Redevelopment of East Kidwai Nagar contains two numbers Sr. Sec. Schools, Banquet Hall & Local Shopping Centre) Located at East Kidwai Nagar , New Delhi.		
2	Type of Occupancy	Schools=Educational, Banquet Hall=Assembly & Local Shopping Centre=Mercantile. All have common two level basement.		
3	Building comprised of	Two level basement common under all building blocks. Two Sr. Sec. Schools=G+4, One Banquet Hall=G+2 & One Local Shopping Centre=G+2. (All building blocks are independent at upper levels)		
3	Type of case	New Case.		
4	Details of previous NOC	Nil.		
5	Fire safety directives letter No	F6/DFS/MS/BP/2013/308, dated 08.10.2013.		
6	Date of inspection	31.03.2016.		
7	Name of the inspecting Officer	Dy.CFO Atul Garg, DO Dharampal Bhardwaj & ADO Vedpal		
8	Name and designation of officer from the building side	Sh. Arun Kumar Sharma, General Manager (Engg).		
9	Year of construction	2016		
10	Applicant's letter No.	NBCC/EKN/GM/2016/432, Dated 28.03.2016.		
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	12m	12 Mtr Provided	MR
	2) Gate width	5 Mtr	5 Mtr Provided	MR
	3) Width of internal road	6 Mtr	6 Mtr Provided	MR
2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	Schools=03nos(each), Banquet Hall=02nos. & Local Shopping Centre=07nos.	Schools=03nos(each), Banquet Hall=02nos. & Local Shopping Centre=07nos.	MR
	2. basements	07nos.+02ramps	09nos.+03ramps	MR
	b. Width of staircase			
	1. Upper floors	1.5 Mtr (each)	Schools=1.5m(each), Banquet Hall=1.5m(each). & Local Shopping Centre=05nos=1.5m each & 02nos.=2.2m each.	MR
	2. basements	1.5 Mtr (each)	1.5m(each)+4.5m(each ramp)	MR
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required in basement floors only	Provided in basement floors only	MR
	d. No. of continuous staircase to terrace	01no. In Each Building Block	01no. in Each Building Block	MR
	e. Width of corridor	Required	1.5 Mtr Provided	MR
	f. Door size	1mtr/1.5m/2m	1m/1.5m/2m Provided	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 in basement floors	MR
	5. Fire dampers	Required	Provided	MR
4	Smoke Management system.			
	Basement	30 a/c per hour	Mech. Ventilation System Provided in basement & natural ventilation in upper floors	MR
	Upper floors	12 a/c per hour		MR
5	Fire Extinguishers			
	total numbers		424 Nos. Provided	MR
	Types		ABC, CO2, Co2 Water & Foam	MR
	ISI marking	ISI	Provided	MR
6	First-Aid Hose Reels.			
	Total numbers on each floor	B2=07, B1=07. Schools=03nos(each), Banquet Hall=01no. & Local Shopping Centre=04nos.	B2=15, B1=15. Schools=02nos(each), Banquet Hall=01no. & Local Shopping Centre=04nos.	MR
	Length of Hose reel hose	30 Mtr	30 Mtr Provided	MR
	Nozzle Diameter	5mm	5 MM Provided	MR

7	Automatic fire detection and alarming system			
	Type of detectors	Heat in basement floors & banquet hall only	Provided	MR
	location of Main Panel	Required	Ground Floor	MR
	location of Repeater panel	Required	Security Room	MR
	Alternate source of power	Required	Provided	MR
	hooter's location	Required	All Areas	MR
8	MOEFA	Required in all buildings	Provided in all buildings	MR
9	Public Address System.	Required in basement floors & schools	Provided	MR
10	Automatic Sprinkler System.			
	basement	Required	Provided	MR
	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	150 MM	Provided	MR
	Number of Hydrants per floor	B2=07, B1=07. Schools=02nos(each), Banquet Hall=01no. & Local Shopping Centre=04nos.	B2=15, B1=15. Schools=02nos(each), Banquet Hall=01no. & Local Shopping Centre=04nos.	MR
	hose Box	Required	Provided	MR
12	Yard Hydrants.			
	total number of hydrants	17 Nos	17 Nos. Provided	MR
	house box	17 Nos.	17 Nos. Provided	MR
13	Pumping arrangements (Hyd Pump=1, Sprnkl Pump=1 & Water Curtain Pump=2nos.)			
	1. Ground level			
	a. Discharge of main Pump	2850 LPM	2850LPM	MR
	b. Head of main pump	Required	70 Mtr (02nos.) & 40m (02nos.)	MR
	c. Number of main pumps	02nos.	02nos.+2nos for water curtains.	MR
	d. jockey pump out put	180 LPM	180 LPM (each)=2nos.	MR
	e. jockey pump head	70m(each)	70 Mtr each)	MR
	f. Standby Pump output	2850 LPM	2850 LPM Provided	MR
	g. Stanby Pump head	Required 70m	70 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(each)	900 LPM(each on each block)	MR
	b. head of the pump	Required	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	200,000 ltr	200,000 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	Schools=25000Ltrs(each), Banquet Hall=10000Ltrs. & Local Shopping Centre=30000Ltrs.	Schools=25000Ltrs(each), Banquet Hall=10000Ltrs. & Local Shopping Centre=30000Ltrs.	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
17	Standby power supply	Required	Provided	MR
18	Refuge Area.			
	total area		Not Required	
	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

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Special Fire Protection systems for protection of special risks, if any:

ABC and CO2 Fire Extinguishers Provided in LT & HT Panel

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 rule 35 of the Delhi Fire Service Rules 2010.

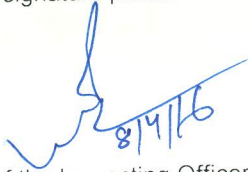
Accordingly DFA is put up for your approval and signature please.



Signature of the Inspecting Officer

Name Atul Garg

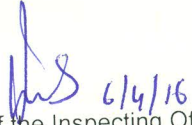
Designation DCFO (SZ)



Signature of the Inspecting Officer

Name Dharampal Bhardwaj

Designation DO (South)



Signature of the Inspecting Officer

Name Vedpal

Designation :- ADO (SJ)

HT be signed by Dy CTO for.

DIR DIRECTOR / OFS 