

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS; DELHI FIRE SERVICE, NEW DELHI-110001.**

No.F6/DFS/MS/2017/SZ/ 455

Dated: 28/03/17

FIRE SAFETY CERTIFICATE

Certified that the National Institute of Electronics & Information Technology, located at Plot No. 03, Sector-08, Dwarka, New Delhi Owned/Occupied by Ministry of Communication and Information Technology, (Govt. of India) Comprised of Two Basements, Ground plus four Upper Floors 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 21.03.2017 in presence of Sh. S S Verma AE Electrical (CPWD) and Sh. Narendra Kansal (Kashyapi Infrastructure Pvt. Ltd.) and that the building / premises is fit for occupancy class "Business Building" with effect from 28/03/17..... 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, printed overleaf.

Issued on 28/03/17..... at New Delhi by


(Vipin Kental)
Chief Fire Officer


Copy to:-

1. The Executive Engineer (E) Air Condition Division, CPWD, Plot No.5A, CGO Complex, Lodhi Road, New Delhi-110003.
2. The Director, NIELIT, Electronics Niketan, 6, CGO Complex, New Delhi-11003.
3. Joint Director (L&I) Bldg. DDA, INA, New Delhi.

CONDITIONS

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, occupation, electric installation etc. may be got verified from the concerned authorities.
5. The Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction / unauthorized use of land if any.
6. All comments / directions of licensing Department shall always be permitted and followed.
7. 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
8. 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 copy of the certificate, six months prior to its expiry.
9. Vehicles / cars shall not be parked in 6 Meters wide access road inside the building for fire unit's movement during emergency.

INSPECTION REPORT

1	Name & address of the building	National Institute of Electronics & Information Technology, Plot No. 03, Sector-08, Dwarka, New Delhi.
2	Type of Occupancy	Business
3	Type of case	New (Two basement + G + 4)
4	Details of previous NOC	No
5	Fire safety directives letter No	F6/DFS/ MS/BP/2014/103 dated 16.04.2014
6	Date of inspection	21.03.2017
7	Name of the inspecting Officers :	DO M K Chattopadhyay & ADO Satpal Bhardwaj
8	Name and designation of officers from the building side	Sh. S S Verma AE Electrical (CPWD) Sh. Satyapal Singh AE Civil (CPWD) Sh. Narendra Kansal (Kashyapi Infrastructure Pvt. Ltd.)
9	Year of construction	2017
10	Applicant's letter No.	DB(57)/ACD-III/2016-17/C dated 10.3.2017

Two basements, Ground plus Four upper floors)

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement/ letter dated 16.4.2014	Provided at site	Remarks MR / NMR
1	Access to building			
	1) Road width	12 Mtrs.	12 Mtrs.	MR
	2) Gate width	5 Mtrs.	6 Mtrs.	MR
	3) Width of internal road	6 Mtrs.	6 Mtrs.	MR
2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	3 Nos.	3 Nos.	MR
	2. basements	3 Nos.+ 1 Ramp	3 Nos. + 1 Ramp	MR
	b. Width of staircase			
	1. Upper floors	1.5 Mtrs.	1.5 Mtrs.	MR
	2. basements	1.5 Mtrs.	1.5 Mtrs.	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	1.5 Mtrs.	1.5 to 2.5 Mtrs.	MR
	f. Door size	1.5 Mtrs.	1.5 Mtrs.	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. rating	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	Required	Mechanical Ventilation in basement	MR
	upper floors	N/A	Natural Ventilation	MR

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2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	3 Nos.	3 Nos.	MR
	2. basements	3 Nos.+ 1 Ramp	3 Nos. + 1 Ramp	MR
	b. Width of staircase			
	1. Upper floors	1.5 Mtrs.	1.5 Mtrs.	MR
	2. basements	1.5 Mtrs.	1.5 Mtrs.	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	1.5 Mtrs.	1.5 to 2.5 Mtrs.	MR
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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. rating	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	Required	Mechanical Ventilation in basement	MR
	upper floors	N/A	Natural Ventilation	MR
5	Fire Extinguishers			
	total numbers	54 Nos.	64 Nos.	MR
	Types	Co2 & ABC	Co2 & ABC	MR
	ISI marking	ISI Marked	Provided	MR

N/II

6	First-Aid Hose Reels.			
	total numbers on each floor	3 Nos.	3 Nos.	MR
	Length of Hose reel hose	30 m	30 m	MR
	Nozzle Diameter	5 mm	5 mm	MR
7	Automatic fire detection and alarming system			
	Type of detectors	Smoke / Heat	Provided	MR
	location of Main Panel	Ground Floor	Provided	MR
	location of Repeater panel	Control Room	Provided	MR
	Alternate source of power	Required	UPS/ Battery backup	MR
	hooter's location	Appropriate Places	Near Stairecases	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	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	150 mm	MR
	Number of Hydrants per floor	3 Nos.	3 Nos.	MR
	hose Box	Required (3 nos) <i>sp</i>	Provided (3 nos) <i>sp</i>	MR
12	Yard Hydrants.			
	total number of hydrants	7 Nos.	7 Nos.	MR
	hose box	Required	Provided	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	2280 & 2850 LPM	2280 & 2850 LPM	MR
	b. Head of main pump	70 M	70 M	MR
	c. Number of main pumps	2 Nos.	2 Nos.	MR
	d. jockey pump out put	280 & 180 LPM	280 & 180 LPM	MR
	e. jockey pump head	70 M	70 M	MR
	f. Standby Pump output	2850 LPM	2850	MR
	g. Stanby Pump head	70 Mtrs.	70 Mtrs.	MR
	h. Auto Starting/Manual stopping	Required	Provided	MR
	l. pump house access	Required	Provided	MR
	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	10,000 Ltrs.	10,000 Ltrs.	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

	Alternate source of power	Required	UPS/ Battery backup	MR
	hooter's location	Appropriate Places	Near Stairecases	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	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	150 mm	MR
	Number of Hydrants per floor	3 Nos.	3 Nos.	MR
	hose Box	Required (3 Nos) <i>sp</i>	Provided (3 Nos) <i>sp</i>	MR
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	1. Ground level			
	a. Discharge of main Pump	2280 & 2850 LPM	2280 & 2850 LPM	MR
	b. Head of main pump	70 M	70 M	MR
	c. Number of main pumps	2 Nos.	2 Nos.	MR
	d. jockey pump out put	280 & 180 LPM	280 & 180 LPM	MR
	e. jockey pump head	70 M	70 M	MR
	f. Standby Pump output	2850 LPM	2850	MR
	g. Stanby Pump head	70 Mtrs.	70 Mtrs.	MR
	h. Auto Starting/Manual stopping	Required	Provided	MR
	i. pump house access	Required	Provided	MR
	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	10,000 Ltrs.	10,000 Ltrs.	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	DG Set 250 KVA (2 Nos.)	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:	Co2 Fire Extinguishers provided near electric panels MR		

The shortcomings vide letter no.F6/DFS/MS/2017/SZ/637 dated 8.3.2017 found rectified. ✓

The Fire protection systems provided in the building were tested, checked and found functional at the time of inspection. In view of the compliance of the minimum standards of fire prevention and fire safety measures as required under the rules/ Guidelines letter No.F6/DFS/MS/BP/2014/103 dated 16.4.2014, grant of fire safety certificate under rule 35 of the Delhi fire Service Act 2007 & rules 2010 is recommended.

Accordingly DFA is put up for approval and signature please.

[Signature]
22/3/12

Name M K Chattopadhyay

Designation DO (South West)

[Signature]
21/3/12

Name S.P. Bhardwaj

Designation ADO (Dwarka)

[Signature]
DCFO (SZ)