

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110 001
No. F6/DFS/MS/2016/SZ/1280

Dated: 16/08/16

FIRE SAFETY CERTIFICATE

Certified that M/S Main Receiving Substation (MRSS) at IGI Airport, New Delhi-110037, having two blocks, ie Panel Block comprised of basement & ground floor and D.G.Block comprised of ground plus one upper floor, owned/occupied by M/s Delhi International Airport (P) Ltd., was granted Fire Safety Certificate by this department vide letter No. F6/DFS/MS/2013/SZ/764, dated 20-08-13. The premises was re-inspected by the officer concerned of this department on 19-07-2016 in the presence of Sh. Viren Badyal AM (P & E) and found that the said building have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class G "Industrial building" with effect from ...16/08/2016 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 the Delhi Fire Service Rules, 2010.

Issued on...16/08/2016 at New Delhi by


(Vipin Kental)

Chief Fire Officer

T.No.011-23412225

Copy to:- Sh. Hrishikesan Ponnathari, G.M, Airport Rescue & Fire Fighting, DAIL, Udan Bhawan, IGI Airport, New Delhi-110037.

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 on form J, six month prior to its expiry.

INSPECTION REPORT

1	Name & address of the building	M/S Main Receiving Substation (MRSS) at IGI Airport, New Delhi-110037.
2	Type of Occupancy	Industrial Building "Group G"
3	Building comprised of	Two Blocks. Pannel Block=Basement & Ground floor. D.G.Block=Ground plus one upper floor.
4	Type of case	Renewal
5	Details of previous NOC	No.F6/DFS/MS/2013/SZ/764, Dated 20.08.13.
6	Fire safety directives letter No	F.6/DFS/MS/HQ/20091726, Dated 10.06.2009.
7	Date of inspection	19.07.2016.
8	Name of the inspecting Officers	ADO Vedpal
9	Name and designation of officers from the building side	Sh. Viren Badyal, A.M. (P&E)
10	Year of construction	2010
11	Applicant's letter No.	ARFF/DIAL/01/2016-17/02, Dated 22.06.2016.

S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	Requirement as per NBC/NFPA	Provided at site	Remarks MR / NMR
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1	Access to building			
	1) Road width	12 mtrs	12mtrs	MR
	2) Gate width	4.5m	5m	MR
	3) Width of internal road	N/A	N/A	N/A

2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	02nos.	02nos.	MR
	2. basements	02nos.	02nos.	MR
	b. Width of staircase			
	1. Upper floors	1.5 m(each)	1.5m(each)	MR
	2. basements	1.5 mtrs(each)	1.5m (each)	MR
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	N/A	N/A	N/A
	d. No. of continuous staircase to terrace	02nos.	02nos.	MR
	e. Width of corridor	N/A	No Corridor	N/A
	f. Door size	1m	1.25m/2m	MR

3	Compartmentation.			
	1. Fire check door	Required	Provided	MR
	2. Sealing of electrical shafts	N/A	N/A	N/A
	3. Fire Rating of shaft door	N/A	N/A	N/A
	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 a/c per hour	Exhust Fan Provided	MR
	upper floors		Exhust Fan Provided	MR

5	Fire Extinguishers			
	total numbers	40Nos	63 Nos	MR
	Types	ABC, DCP, Foam	ABC, Co2, DCP & Foam	MR
	ISI marking	ISI	Yes	MR

6	First-Aid Hose Reels.			
	total numbers on each floor	02nos. In DG Block only	02nos. In DG Block only	MR
	Length of Hose reel hose	30 m	30m	MR
	Nozzle Diameter	5 mm	5mm	MR

7	Automatic fire detection and alarming system			
	Type of detectors	Heat & Smoke	Heat & Smoke	MR
	location of Main Panel	Ground Floor	Ground Floor	MR
	location of Repeater panel	Required	Provided at ground floor	MR
	Alternate source of power	Required	Provided	MR
	hooter's location	All areas	All Areas	MR

8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR

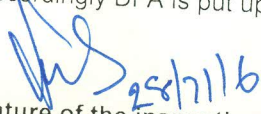
10	Automatic Sprinkler System.			
	basement	Required	Provided	MR
	upper floors	Required	Provided in general office area. DG area protected with foam sprinkler system	MR

11	Internal Hydrants			
	Size of riser/down-corner	150mm	200mm	
	Number of Hydrants per floor	02nos in DG block only	02no. In DG block only	MR
	hose Box	02nos	02nos.	MR
12	Yard Hydrants.			MR
	total number of hydrants	15nos.	14nos	MR(old case)
	hose box	15nos.	14nos	MR(old case)
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	2850+5677LPM	2850+5677LPM	MR
	b. Head of main pump	88m(each)	86m & 88m	MR(old case)
	c. Number of main pumps	02nos.	02nos.	MR
	d. jockey pump out put	283 & 566LPM	283 & 566LPM	MR
	e. jockey pump head	88m(each)	86m & 88m	MR(old case)
	f. Standby Pump output	5677LPM	5677LPM	MR
	g. Stanby Pump head	88m	88m	MR
	h. Auto Starting/Manual stopping	Required	Provided	MR
	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	350000Liters	375000Liters at ground level with +ve suction to pumps	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	N/A	N/A	N/A
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	N/A	N/A	N/A
	d. Fireman's grounding switch	N/A	N/A	N/A
	e. Lift signage	N/A	N/A	N/A
17	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: Modular Gas Suppression system for electrical pannels, C02 Flooding system for HT & FM 200 for LT Provided: MR			

The fire protection systems provided in the building were checked and found functional at the time of inspection.

In view of the deemed compliance of the minimum standards on fire prevention and fire safety required under the rules the FSC issued vide letter No.F.6/DFS/MS/2013/SZ/764, dated 20.08.2013 renewal under rule 37 of the Delhi Fire Service Rule 2010 is recommended.

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


 Signature of the inspecting officer

Name Vedpal

Designation : Assistant Divisional Officer

