

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: CANNAUGHT PLACE

NEW DELHI- 110 001

No.F6/DFS/MS/2017/SZ/ 1580

Dated: 17/10/17

FIRE SAFETY CERTIFICATE

Certified that the Terminal-3 Building, IGI Airport, New Delhi, comprises of two basement, ground plus five upper floors, owned/occupied by Delhi International Airport Limited was granted Fire Safety Certificate by this department vide letter No. F6/DFS/MS/2014/SZ/1066, dated 26-08-2014. The premises was re-inspected by the officers concerned of this department on 28-08-2017 to 30.08.2017 in the presence of Sh. Hrishikesan Poonnanthari (Head Fire Service) and found that the said terminal 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 Assembly (D-5) with effect from 17/10/2017 for 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 17/10/2017 at New Delhi by


(Vipin Kental)

Chief Fire Officer

T.No.011-23412225

Copy to:-1. Sh. Hrishikesan Poonnanthari (Head Fire Service), New Udaan Bhawan,
Near T-3, IGI Airport, New Delhi-110037.

2. CEO, DIAL, New Udaan Bhawan, Near T-3, 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 in form J, six month prior to its expiry.

INSPECTION REPORT

1. Name & address of the building: Terminal-3 Building, IGI Airport, New Delhi.
2. Building comprises of : B1+B2+G+5
3. Type of Occupancy : D5(Assembly)
4. Type of Case : Renewal
5. Details of previous NOC : F6/DFS/MS/2014/SZ/1066 dated 26.08.2014.
6. Fire Safety directives Letter No. : F6/DFS/MS/2007/1781, dated 05.07.2007.
7. Date of inspection : 28.08.2017 to 30.08.2017
8. Name of the Inspecting Officer : A.K.Malik(D.O) and Vedpal (ADO).
9. Name and designation of Officer
from the building side : Sh. Hrishikesan Ponnanthari (General Manager Fire).
10. Year of Construction : 2010
11. Applicant's letter No. : DIAL/ARFF/01/2017-18/9 dated 07.08.2017.

S No	Minimum standards on fire prevention and fire safety U/R 33	Existing/Old NOC Requirements as per NFPA	Provided at site	Remarks MR/NMR
1.	Access of building			
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	9 M 5 M 6 M	>9M >5M > 6 M	MR MR MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	79nos.	79nos.	MR
	• Basements	14nos.	14nos.	MR
	b. Width of staircases			
	• Upper floors	1.5m(each)	1.9m(each)	MR
	• Basements	1.5 m(each)	1.9m(each)	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No of continuous staircase to terrace	01no.	01no.	MR
	e. Width Of Corridor	1.5 m	2.5 m	MR
	f. Door Size	1.5 m	2m, 1.5m &1m	MR
3.	Compartmentation			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	1 Hrs.	1 Hrs.	MR
	• Water Curtain	Required	Provided (Deluge system installed)	MR
	• Fire Dampers	Required	Provided	MR
4.	Smoke managements System			
	• Basements	30 a/c per hour	Provided	MR
	• Upper floors	12 a/c per hour	Provided	MR

	<ul style="list-style-type: none"> Total numbers Types IS marking 	3780nos.	3780 nos.	MR
		Water CO ₂ , DCP, CO ₂ , Foam	Water CO ₂ , DCP, CO ₂ , Foam type	MR
		ISI marked	ISI marked.	MR
6.	First – Aid Hose Reels			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	Total=458nos.	Total – 458nos. 27+17+128+64+36+36+16+13+64+57	MR
		30m	30m	MR
		6mm	6mm	MR
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Multi Sensor, Laser, Heat, VESDA	Multi Sensor, Laser, Heat, VESDA	MR
		Ground floor	Ground floor	MR
		FCC	FCC	MR
		Required	UPS/Generator/Batteries	MR
		Required	All Corridor, Exit gate, Passenger management area addressable	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Available at All level in Passenger movement area Main panel at FCC for announcement	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basements Upper Floor Sprinkler above false ceiling 	Required	All area protected with sprinkler	MR
		Required	All area protected with sprinkler	MR
		Required	All area protected with sprinkler	MR
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser Number of hydrants per floor Hose Box 	150 mm	200 mm	MR
		Required	Total = 561 31+17+112+103+104+43+16+14+64+57	MR
		Required	Total = 561 31+17+112+103+104+43+16+14+64+57	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	154nos.	154nos.	MR
		154nos.	154nos.	MR
13.	Pumping Arrangements			
		HYDRANT SPRINKLER		
	<ul style="list-style-type: none"> Ground Level Discharge of main pump Head of main pump Number of main pumps Jockey pump out put Jockey pump head Standby Pump out put Standby Pump Head Auto Staring/Manual stopping Pump House Access Terrace level Discharge of pump 	2280 LPM(Each)	4731 LPM Sprinkler – 3785 LPM	MR
		70meters.	130 Meter 70 Meter	MR
		01+01no.	01+01no.	MR
		280LPM(Each)	280LPM +280LPM	MR
		80m(Each)	130m 80m	MR
		2280(Each)	4731LPM 3785LPM	MR
		80(Each)	130m 80m	MR
		Required	Provided	MR
		Required	Provided	MR
		N.A.	N.A.	N.A.
		N.A.	N.A.	N.A.

1-5 Building, 1st Floor, New Delhi

14.	Captive water Storage for fire fighting			
	• Underground tank capacity	6Lakh Liters	6 Lakh Liters	MR
	➤ Draw off connection	Required	Provided (6 Nos.)	MR
	➤ Fire service inlet	Required	Provided (06 Nos.)	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	N.A.	N.A.	N.A.
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	➤ Pressurization of Lift Shaft	Required	Provided	MR
	➤ Pressurization of lift lobby	Required	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 (UPS/ DG Set)	MR
18.	Refuge Area			
	➤ Total area	500 Sq.m	Above 500 Sq. m	MR
	➤ Location	Departure Longe	The departure Lounge area can be used. as	MR
19.	Fire control room			
	➤ Detector system panel	Required	Provided	MR
	➤ Flow Switch Panel	Required	Provided	MR
	➤ PA System Panel	Required	Provided	MR
	➤ Batter backup	Required	Provided	MR
	➤ Building Floor Plans	Required	Provided	MR
20.	Special Fire Protection Systems for Protection of special Risks, if any;	Required	Gas Suppression system(NOVEC 1230, Co2 Flooding system, Trace tube and FM 200 in all electric panels and sub stations.	MR

The fire protection systems provided in the building were test checked at random 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/2014/SZ/1066, dated 26.08.2014 renewal under rule 37 of the Delhi Fire Service Rule 2010 is recommended.

Accordingly reply letter in shape of DFA is put up for kind consideration please.

Signature of the Inspecting Officer

Signature of the Inspecting Officer

Name :A.K.Malik

Name :Vedpal

Designation :Divisional Officer

Designation: Assistant Divisional Officer

A. K. Malik

Vedpal