

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE, NEW DELHI-110001

No.F.6/DFS/MS/SZ/2020/

537

Dated: 23/12/2020

FIRE SAFETY CERTIFICATE

Certified that the Terminal – 3 Building located at IGI Airport, New Delhi, comprised of Two Basement, Ground & Five Upper Floors only, owned / occupied by M/s Delhi International Airport Limited, has already been issued Fire Safety Certificate Vide letter No. F6/DFS/MS/2017/SZ/1500 dated 17/10/2017. The premises was re-inspected by the officers concerned of Fire Service on 10.12.2020 in the presence of Sh. Hrishikesan Ponnanthari, General Manager (Fire) and observed that all the fire prevention and fire safety arrangements provided in the premises found in good working condition. The premises have therefore deemed complied with rule 33 of the Delhi Fire Service Rules, 2010 and that the building / premises is fit for occupancy class “Assembly” (Group-D-5) with effect from 23 / 12 /2020 for a period of three years in accordance with rule 36 unless renewal under rule 37 or sooner cancelled under rule 40 and subject to the compliance of the condition under rule 38 of the DFS rule, 2010.

Issued on 23/12/2020 at New Delhi by.


(ATUL GARG)
DIRECTOR.

Copy to :-

1. Sh. Hrishikesan Ponnanthari, General Manager (Fire), 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:

1. All the fire safety arrangement provided their in shall be maintained in good working conditions at all times.
2. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. This certificate cannot be treated in any case for regularizations of unauthorized construction.
6. “The owner / Occupier shall apply for renewal of this Fire Safety Certificate to the Director in Form ‘J’ [sub rule (1) of rule37] along with a copy of this Certificate, six months prior to its expiry”.
7. 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
8. Basement shall be used strictly as per BBL.

INSPECTION REPORT

1. Name & address of the building: **Terminal – 3 Building, IGI Airport, New Delhi.**
2. Type of Occupancy : **Assembly (Group –D5)**
3. Type of Case : **Renewal (B1, B2, G & 5 upper floors)**
4. Details of previous NOC : **F6/DFS/MS/2017/SZ/1500 dated 17/10/2017**
5. Fire Safety directives Letter No. : **F6/DFS/MS/2007/1781 dated 05/07/2007**
6. Date of inspection : **10/12/2020**
7. Name of the Inspecting Officer : **Dy. C.F.O. (S.Z.) & A.D.O. (S.J.)**
8. Name and designation of Officer
from the building side : **Sh. Hrishikesan Ponnathari (General Manager Fire)**
9. Year of Construction : **2010**
10. Applicant's letter received through email **Id-Rakesh.Kumar4@gmrgroup.in** dated 03/12/2020

S No	Minimum standards on fire prevention and fire safety U/R 33	Requirements / Existing Fire Protection System	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	9m	Provided	MR
	• Gate width	5m	Provided	MR
	• Width of internal road	6 m	Provided	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	79	79	MR
	• Basements	14	14	MR
	b. Width of staircases			
	• Upper floors	1.5m (each)	1.9m (each)	MR
	• Basements	1.5m (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			
		1	1	MR
	e. Width Of Corridor			
		1.5 m	2.5 m	MR
	f. Door Size			
		1.5 m	2 m, 1.5 m & 1 m	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)	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	Automatic Smoke Extraction System integrated with Fire Alarm System provided	MR
5.	Fire Extinguishers			
	• Total numbers	3780	3780	MR
	• Types	Water Co2, DCP, CO2 &Foam	Provided	MR
	• IS marking	Required	Provided	MR

6.	• Total numbers on each floor	458	27+17+128+64+36+36 +16+13+64+57 = 458	MR
	• Length of hose reel hose	30 m	30 m	MR
	• Nozzle diameter	6 mm	6 mm	MR
7.	Automatic fire detection and alarming system			
	• Type of detector	Multi Sensor, Laser, Heat, VESDA	Multi Sensor, Laser, Heat, VESDA	MR
	• Location of Main Panel	Ground Floor	Ground Floor	MR
	• Location of Repeater Panel	FCC	FCC	MR
	• Alternate source of power	Required	UPS/Generator/Batteries	MR
	• Hooters' Location	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			
	• Basements	Required	All area protected with sprinkler	MR
	• Upper Floor	Required	All area protected with sprinkler	MR
	• Sprinkler above false ceiling	Required	All area protected with sprinkler	MR
11.	Internal Hydrants			
	• Size of riser/down-comer	150 mm	200 mm	MR
	• Number of hydrants per floor	Required	561	MR
	• Hose Box	Required	561	MR
12.	Yard Hydrants			
	• Total number of hydrants	154	154	MR
	• Hose Box	154	154	MR
13.	Pumping Arrangements		Hydrant	Sprinkler
	• Ground Level			
	• Discharge of main pump	2280 LPM (each)	4731 LPM Sprinkler-3785LPM	MR
	➤ Head of main pump	70 m	130 m	70 m
	➤ Number of main pumps	1 + 1	1 + 1	MR
	➤ Jockey pump out put	280 LPM (each)	280 LPM + 280 LPM	MR
	➤ Jockey pump head	80 m	130 m	80 m
	➤ Standby Pump out put	2280 LPM (each)	4731 LPM	3785 LPM
	➤ Standby Pump Head	80 m	130 m	80 m
	➤ Auto Starting/Manual stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	N/A	N/A	N/A
	➤ Head of the pump	N/A	N/A	N/A
➤ Power supply	N/A	N/A	N/A	
➤ Auto starting of pump	N/A	N/A	N/A	
14.	Captive water Storage for fire fighting			
	• Underground tank capacity	6,00,000 ltr	Provided	MR
	➤ Draw of connection	Required	Provided (6)	MR

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 m ²	Above 500 m ²	MR
	➤ Location	Departure Long	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
	➤ Battery 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, Co ₂ flooding System, Trace tube and FM200in 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 of fire prevention and fire safety measures as required under the rules the NOC issued vide letter No. **F6/DFS/MS/2017/SZ/1500 dated 17/10/2017** renewal under rule 35 of the Delhi Fire Service rules 2010 is recommended.

Signature of the Inspecting Officer
 Name : Sunil Chawdhary
 Designation : Dy.C.F.O.(S.Z.)

Signature of the Inspecting Officer
 Name : A.K. Jaiswal
 Designation : A.D.O. (S.J.)



C.F.O.

21/12

21/12/2017

FF P/L

for signature, please.