

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

No. F.6/DFS/MS/Assembly/SZ/2018/ 1974

Dated: 28/8/18

**FIRE SAFETY CERTIFICATE**

Certified that the **Terminal ID, Domestic Terminal Building** situated at **IGI Airport, New Delhi-110037** comprised of Ground, Mezzanine & Two Upper Floors has already been issued with FSC by this department vide letter F6/DFS/MS/2015/1634 dated 10/09/2015. The premise was re-inspected by the officer concerned of this department on 25, 29/05/2018 & 21/08/2018 in the presence of Mr. Prem Singh Suhag (AGM Fire) & found to 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 building is fit for occupancy **Group D "Assembly"** with effect from 28/8/ 2018 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.. 28/8/18...at New Delhi by.

  
(Vipin Kental)  
Chief Fire Officer  
Ph:-011-23412235

Copy to:-

1. Sh. P. Hrishikesan, Head Airport Rescue & Fire Fighting, New Udaan Bhawan, Terminal-3, IGI Airport, New Delhi-110037
2. The Executive Vice President, DIAL, New Udaan Bhawan, Terminal-3, IGI Airport, New Delhi-110037

**Conditions for the validity of fire safety certificate:**

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of firefighting system.
4. 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 [http://delhi.gov.in/wps/wcm/connect/doit\\_fire/FIRE/Home/Forms](http://delhi.gov.in/wps/wcm/connect/doit_fire/FIRE/Home/Forms)
5. This fire safety certificate may not in any way be treated as regularization (Clause 2.8 of UBBL-2016) of unauthorized construction or Alteration (Clause 1.4.3 of UBBL-2016), if any.
6. "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 a copy of this Certificate, **six months** prior to its expiry."

**INSPECTION REPORT**

- Name & address of the building : Terminal ID, Domestic Terminal Building, IGI Airport, New Delhi-110037
2. Type of Occupancy : Group D Assembly Building
3. Type of Case : Renewal [Ground, Mezzanine & 2 Upper Floors]
4. Details of Previous NOC : F6/DFS/MS/2015/1634 dated 10/09/2015
5. Fire Safety directives letter No : NIL
6. Date of inspection : 25, 29/05/2018 & 21/08/2018
7. Name of Inspecting Officers : A.K. Malik
8. Name and designation of officers  
From the building side : Mr. Prem Singh Suhag (AGM Fire)
9. Year of Construction : 2008
10. Applicant's letter No. : outdoor diary no. 5744 dated 10/04/2018 & 10880 dated 30/07/2018

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	Old NOC/NFPA Requirement	Provided at site	Remarks MR/NMR
1.	<b>Access to building</b>			
	<ul style="list-style-type: none"> <li>Road width</li> <li>Gate width</li> <li>Width of internal road</li> </ul>	9m NA 6m	Provided NA Provided	MR NA MR
2.	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	<ul style="list-style-type: none"> <li>Upper Floors</li> <li>Basements</li> </ul>	GF to Mez. F: 07 Nos Mez. F. to 1 <sup>st</sup> F: 06 Nos GF to 1 <sup>st</sup> F: 10Nos 1 <sup>st</sup> F. to 2 <sup>nd</sup> F: 7 Nos	Provided	MR
	b. Width of staircases			
	<ul style="list-style-type: none"> <li>Upper Floor</li> <li>Basement</li> </ul>	1.5m	GF to Mez. F: 1.7m, 1.8m, 1.56m, 1.8m, 1.8m, 1.8m, 1.2m Mez. F. to 1 <sup>st</sup> F: 1.7m, 1.8m, 1.56m, 1.8m, 1.8m, 1.8m GF to 1 <sup>st</sup> F: 1.7m, 1.75m, 1.75m, 1.8m, 1.56m, 1.8m, 1.8m, 1.8m, 1.2m, 2m, 2m 1 <sup>st</sup> F. to 2 <sup>nd</sup> F: 1.7m, 1.8m, 1.56m, 1.8m, 1.8m, 1.8m, 1.75m	MR (old case)
	c. Protection of exits			
	<ul style="list-style-type: none"> <li>Fire check door</li> <li>Pressurization</li> </ul>	Required -NA-	Provided -NA-	MR -NA-
	d. No. of continuous staircases to terrace	-NA-	-NA-	-NA-
	e. Width of Corridor	1.5m	Provided	MR
	f. Door Size	1.5m	Provided	MR
3.	<b>Compartmentation</b>			
	<ul style="list-style-type: none"> <li>Fire check door</li> <li>Sealing of electrical shafts</li> <li>Fire Rating of shaft door</li> <li>Water Curtain</li> <li>Fire Dampers</li> </ul>	Required Required One Hour NA Required	Provided Provided Provided NA Provided	MR MR MR NA MR
4.	<b>Smoke Management System</b>			
	<ul style="list-style-type: none"> <li>Basements</li> <li>Upper floors</li> </ul>	-NA- 12 ACPH	-NA- Provided	-NA- MR
5.	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>Total numbers</li> <li>Types</li> <li>IS marking</li> </ul>	223 No's ABC/W. CO <sub>2</sub> /CO <sub>2</sub> Required	Provided 100/100/30- Nos Provided	MR MR MR
6.	<b>First-Aid Hose Reels</b>			

	<ul style="list-style-type: none"> <li>Length of hose reel hose</li> <li>Nozzle diameter</li> </ul>	30 m 5 mm	Provided	MR
7.	<b>Automatic fire detection and alarming system</b>			
	<ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooters' Location</li> </ul>	Heat, Smoke & Beam Ground Floor	Provided	MR
		Required	FCC	MR
		Required	Room No. 15	MR
		All Area	Provided	MR
8.	<b>MOEFA</b>			
9.	<b>Public Address System</b>			
		Required	Provided	MR
10.	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>Basement</li> <li>Ground Floor</li> <li>Sprinkler above false ceiling</li> </ul>	-NA-	-NA-	-NA-
		Required	Provided	MR
11.	<b>Internal Hydrants</b>			
	<ul style="list-style-type: none"> <li>Size of riser/down-comer</li> <li>Number of hydrants per floor</li> <li>Hose Box</li> </ul>	100mm	Provided	MR
		GF-15, MF-8, 1 <sup>st</sup> F-13, 2 <sup>nd</sup> F-05	Provided	MR
		GF-15, MF-8, 1 <sup>st</sup> F-13, 2 <sup>nd</sup> F-05	Provided	MR
12.	<b>Yard Hydrants</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> <li>Hose Box</li> </ul>	17 Nos	Provided	MR
		17 Nos	Provided	MR
13.	<b>Pumping Arrangements</b>			
	<ul style="list-style-type: none"> <li>Ground Level <ul style="list-style-type: none"> <li>Discharge of main Pump</li> <li>Head of Main pump</li> <li>Number of main pumps</li> <li>Jockey Pump out put</li> <li>Jockey pump head</li> <li>Standby Pump out put</li> <li>Standby Pump Head</li> <li>Auto Starting/Manual Stopping</li> <li>Pump House Access</li> </ul> </li> <li>Terrace level <ul style="list-style-type: none"> <li>Discharge of pump</li> <li>Head of the pump</li> <li>Power Supply</li> <li>Auto Starting of pump</li> </ul> </li> </ul>	2850 LPM	Provided	MR
		70m	Provided	MR
		02 Nos	Provided	MR
		2 x 280 LPM	Provided	MR
		70m	Provided	MR
		2850 LPM	Provided	MR
		70m	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
14.	<b>Captive Water Storage for fire fighting</b>			
	<ul style="list-style-type: none"> <li>Underground tank capacity <ul style="list-style-type: none"> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> </ul> </li> <li>Overhead Tank capacity</li> </ul>	5,00,000 Lts	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		NA	NA	NA
15.	<b>Exit Signage.</b>			
		Required	Provided	MR
16.	<b>Provision of Lifts.</b>			
	<ul style="list-style-type: none"> <li>Pressurization of Lift Shaft</li> <li>Pressurization of Lift lobby</li> <li>Communication In lift Car</li> <li>Fireman's Grounding Switch</li> <li>Lift Signage</li> </ul>	NA	NA	NA
		NA	NA	NA
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17.	<b>Standby power supply</b>			
18.	<b>Refuge Area.</b>			
	<ul style="list-style-type: none"> <li>Total Area</li> <li>Location</li> </ul>	NA	NA	NA

- N/2B -

Terminal ID, Domestic Terminal Building, IGI Airport, New Delhi-110037

19	<b>Fire Control Room</b>			
	• 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.	<b>Special Fire Protection System for Protection of special Risks, if any:</b>	CO <sub>2</sub> flooding with trace tube in all electric panels & Sub station	Provided	MR

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection. Keeping in view of the above substantial compliance of the minimum standards of fire prevention and fire safety measures as required under the rules it is recommended under Rule 37 (2) to grant Fire Safety Certificate under rule 37(3) of the Delhi Fire Service Rules 2010.

Accordingly DFA of Form "H" is put up for approval.

*Anilash*  
22/8/18

Signature of Inspecting Officer  
Name:- A.K. Malik  
Designation:-DO (SD)

Dy. CFO(SZ)

*Deep*  
24/8

17551/Cfo 52  
28/8



Cfo spm M.Scell FTM, 28/8

Copy F.T. is put up for sig please.

*Cfo (SZ)*  
M.Scell 28/8  
*Anilash*  
22/8/18  
DO (SD)