

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE, CONNAUGHT PLACE
NEW DELHI

No F 6 / DFS / MS / 2012 / 3941

Dated 23/10/2012

FIRE SAFETY CERTIFICATE

Certified that the Terminal 1 D, Domestic Terminal located at IGI Airport, New Delhi comprised of Ground + 01 Upper floor was granted NOC by this department vide letter No F 6 / DFS / MS / 2009 / 2090 dated 14.07.2009. The premises was re-inspected by the officer concerned of this department on 15.10.2012 in the presence of Mr. M.H. Kadam, GM(ARFF)DIAL and found that the said building have deemed complied with 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" (D5) with effect from 23/10/12 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 23/10/12 at New Delhi by.


CHIEF FIRE OFFICER
DELHI FIRE SERVICE

O/C

Copy to: -

1. The Chief Executive Officer, GADL, Delhi International Airport, New Udaan Bhawan, IGI Airport, New Delhi.
2. The Director General (Civil Aviation Authority), Rajiv Gandhi Bhawan, Safdarjung, New Delhi.

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 protection measures shall be maintained in perfect working conditions all the times as seen during inspection.
3. All the staff members must know the correct method operation of fire fighting system.
4. Any lapse rendering fire fighting system/equipment non-functional shall be risk and responsibility of the management.
5. This inspection report may not in any way be treated as regularization of unauthorized construction, if any.
6. 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

Renewal

INSPECTION REPORT

1. Name & address of the building : Terminal 1D, Domestic Terminal
IGI Airport, New Delhi
2. Type of Occupancy : Assembly (D5)
3. Type of Case : Renewal
4. Details of previous NOC : Letter No F6/DFS/MS 2009/2090 dated 14 Jul 2009
5. Fire Safety directives Letter No. : Nil
6. Date of inspection : October 15 , 2012
7. Name of the Inspecting Officer : Dy. CFO Atul Garg & ADO S.J. Kaushik
8. Name and designation of Officer : Mr. M. H. Kadam, GM(ARFF) DIAL
from the building side
9. Year of Construction : 2008
10. Applicant's letter No. : Nil dated 25.09.2012

S No	Minimum standards on fire prevention and fire safety U/R 33	BBL Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	9 M	9 M	MR
	• Gate width	5 M	Open port lead to road	MR
	• Width of internal road	6 M	6M	MR
2.	Number, width, Type & Arrangements of exits			
	a. Number of staircases			
	• Upper floors	09	09	MR
	• Basements	N/A	N/A	N/A
	b. Width of staircases			
	• Upper floors	1.5 M	2 Meters	MR
	• Basements	N/A	N/A	N/A

	c. Protection of exits			
	• Fire check door	2 hrs	2 hrs.	MR
	• Pressurization	Required	Yes	MR
	d. No of continuous staircase to terrace	N/A	No Terrace	N/A
	e. Width Of Corridor	1.5M	2.5 M	MR
	f. Door Size	2X2 M	2X2.5 M	MR
3.	Compartmentation			
	• Fire check door	YES	YES	MR
	• Sealing of electrical shafts	YES	All shafts sealed	MR
	• Fire Rating of shaft door	1 hr	1 hr	MR
	• Water Curtain	N/A	N/A	N/A
	• Fire Dampers	Required	Provided	MR
4.	Smoke managements System			
	• Basements	30 Cycle per hour	N/A	N/A
	• Upper floors	12 Cycle per hour	Automatic smoke extraction system available	MR
5.	Fire Extinguishers			
	• Total numbers	As per BIS 2190	223 no.	MR
	• Types		ABC, CO2 & Water type	MR
	• IS marking		Yes	MR
6.	First – Aid Hose Reels			
	• Total numbers on each floor	YES	Total – 41, GF -15, FF- 13, Mezz. – 08, SF- 05	MR
	• Length of hose reel hose	YES	30 Mtr.	MR
	• Nozzle diameter	YES	6 mm	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	YES	Smoke, Heat , Beam	MR

	<ul style="list-style-type: none"> • Location of Main Panel 	FCR	Room No. 15 FCR	MR
	<ul style="list-style-type: none"> • Location of Repeater Panel 	Public area	YES	MR
	<ul style="list-style-type: none"> • Alternate source of power 	YES	YES	MR
	<ul style="list-style-type: none"> • Hooters' Location 	YES	All area of Building	MR
8.	MOEFA	YES	YES	MR
9.	Public Address System	YES	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> • Basements 	N/A	N/A	N/A
	<ul style="list-style-type: none"> • Upper Floor 	YES	YES	MR
	<ul style="list-style-type: none"> • Sprinkler above false ceiling 	YES	YES	MR
11.	Internal Hydrants			
	<ul style="list-style-type: none"> • Size of riser/down- comer 	100 mm	100 mm	MR
	<ul style="list-style-type: none"> • Number of hydrants per floor 	YES	GF-17,FF-15,MEZZ.- 08,SF-05	MR
	<ul style="list-style-type: none"> • Hose Box 	YES	45 No.	MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> • Total number of hydrants 	17 no.	17 no.	MR
	<ul style="list-style-type: none"> • Hose Box 	17 no.	17 no.	MR
13.	Pumping Arrangements			
	<ul style="list-style-type: none"> • Ground Level 	All pumps are in ground level		
	<ul style="list-style-type: none"> • Discharge of main pump 	2850 LPM	2850 LPM	MR
	➤ Head of main pump	70 Mtr.	70 Mtr.	MR
	➤ Number of main pumps	02	02	MR
	➤ Jockey pump out put	280 LPM	280 LPM	MR
	➤ Jockey pump head	70 Mtr.	70 Mtr.	MR

	➤ Standby Pump out put	2850 LPM	2850 LPM	MR
	➤ Standby Pump Head	70 Mtr	70 Mtr.	MR
	➤ Auto Staring/Manual stopping	YES	Auto	MR
	➤ Pump House Access	YES	YES	MR
	• Terrace level			
		N/A	N/A	N/A
	➤ 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			
14.	Captive water Storage for fire fighting			
	• Under ground tank capacity	2.5 Lac	2.5 Lac Ltr. X 2	MR
		YES	100 mm	MR
	➤ Draw of connection	YES	YES	MR
	➤ Fire service inlet	YES	YES	MR
	➤ Access to tank	N/A	N/A	N/A
	• Overhead Tank capacity			
15	Exit Signage	Yes	Yes	MR
16.	Provision of Lifts			
	➤ Pressurization of Lift Shaft	N/A	N/A	N/A
	➤ Pressurization of lift lobby	N/A	N/A	N/A
	➤ Communication in lift Car	YES	YES	MR
	➤ Fireman's Grounding Switch	YES	YES	MR
		YES	YES	MR
	➤ Lift Signage			
17.	Standby power supply	Yes	Yes	MR
18.	Refuge Area			

Renewal

	➤ Total area	N/A	N/A	The building is ground plus one. The area is directly communicating to open space
	➤ Location	N/A	N/A	
19.	Fire control room			
	➤ Detector system panel	Yes	Serviceable	MR
	➤ Flow Switch Panel	Yes	Serviceable	MR
	➤ PA System Panel	Yes	Available	MR
	➤ Batter backup	Yes	Available	MR
	➤ Building Floor Plans	Yes	Available	MR
20.	Special Fire Protection Systems for Protection of special Risks, if any;	N/A	All Electrical panel protected with Trace tube Co2 Flooding system	MR

The fire protection systems provided in the building were test checked and found functional at the time of inspection. Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010.

Signature of the Inspecting Officer

Signature of the Inspecting Officer

Name

ATUL GARY

Name

S. S. Kaushik

Designation

DC FO/SOUTH

Designation

Asst. Div. Officer