

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

No. *FC/DFSLMS/2015/800*

Dated: *19/05/15*

**FIRE SAFETY CERTIFICATE**

Certified that Cargo Terminal Building at IGI Airport, New Delhi 110037, comprised of ground, mezzanine and first floor only (compartment 1A=Ground+Mezzanine+1<sup>st</sup> floor and compartment 1B=Ground only), owned/occupied by M/S Delhi Cargo Centre Private Limited have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules,2010 and verified by the officers concerned of this department on dated 09.04.15 in the presence of Anil Jaiswal (General Manager -Security) and that the building is fit for occupancy class "Storage Occupancy" with effect from ....*19/05/*2015 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 Delhi Fire Service Rules,2010.

Issued on.....*19/05/15*.....2015 at New Delhi by



(Dr.G.C.Misra)

Chief Fire Officer

T.No.011-23414333

Copy to:-

1. M/S Delhi Cargo Centre Private Limited, Cargo Terminal-2, Gate No.6,IGI Airport, New Delhi-110037.
2. Sh. Anil Dhawan, Executive Vice President, Delhi International Airport (P) Ltd. New Udaan Bhawan, Terminal-3, IGI Airport, New Delhi-37.

**Conditions for the validity of fire safety certificate are overleaf:-**

### CONDITIONS:

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](http://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: Cargo Terminal at IGI Airport, New Delhi 110037.
2. Building comprised of : G + Mezzanine + one upper floor. (Building was proposed for three compartments 1A, 1B & 1C but constructed as 1A=G+M+1<sup>st</sup> floor and 1B=G only.
3. Type of Occupancy : Storage Building.
4. Type of Case : New.
5. Details of previous NOC : Nil.
6. Fire Safety directives Letter No. : F6/DFS/MS/BP/2011/1585, dated 15.07.2011.
7. Date of inspection : 09.04.2015.
8. Name of the Inspecting Officer : D.P.Bhardwaj (D.O) and Vedpal (ADO).
9. Name and designation of Officer  
from the building side : Sh. Anil Jaiswal (General Manager -Security).
10. Year of Construction : 2014
11. Applicant's letter No. : Nil, dated 27.02.2015.

S No	Minimum standards on fire prevention and fire safety U/R 33	Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	• Road width	9 M	12M	MR
	• Gate width	5 M	>5M	MR
	• Width of internal road	6 M	> 6 M	MR
2.	Number, width, Type & Arrangements of exits			
	g. Number of staircases			
	• Upper floors	3nos.	4nos.	MR
	• Basements	N.A.	N.A.	N.A.
	h. Width of staircases			
	• Upper floors	1.5m(each)	1.5m(each)	MR
	• Basements	N.A.	N.A.	N.A.
	i. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	N.A.	N.A.	N.A.
	j. No of continuous staircase to terrace	01no.	01no.	MR
	k. Width Of Corridor	N.A.	N.A.	N.A.
	l. Door Size	N.A.	N.A.	N.A.

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3.	Compartmentation			
	<ul style="list-style-type: none"> <li>• Fire check door</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Sealing of electrical shafts</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Fire Rating of shaft door</li> </ul>	1 Hrs.	1 Hrs.	MR
	<ul style="list-style-type: none"> <li>• Water Curtain</li> </ul>	N.A.	N.A.	N.A.
	<ul style="list-style-type: none"> <li>• Fire Dampers</li> </ul>	Required	Provided	MR
4.	Smoke managements System			
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	N.A.	N.A.	N.A.
	<ul style="list-style-type: none"> <li>• Upper floors</li> </ul>	12 a/c per hour	Automatic Smoke Extraction System integrated with Fire Alarm System provided.	MR
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> <li>• Total numbers</li> </ul>	150nos.	155 nos.	MR
	<ul style="list-style-type: none"> <li>• Types</li> </ul>	Water CO <sub>2</sub> , DCP, CO <sub>2</sub> , Foam	Water CO <sub>2</sub> , DCP, CO <sub>2</sub> , Foam type	MR
	<ul style="list-style-type: none"> <li>• IS marking</li> </ul>	ISI marked	ISI marked.	MR
6.	First – Aid Hose Reels			
	<ul style="list-style-type: none"> <li>• Total numbers on each floor</li> </ul>	02nos.	02nos.	MR
	<ul style="list-style-type: none"> <li>• Length of hose reel</li> </ul>	30m	30m	MR
	<ul style="list-style-type: none"> <li>• Nozzle diameter</li> </ul>	6mm	6mm	MR
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> <li>• Type of detectors</li> </ul>	Heat, Smoke & Beam detector	Heat, Smoke & Beam Detector	MR
	<ul style="list-style-type: none"> <li>• Location of Main Panel</li> </ul>	Ground floor	Ground floor	MR
	<ul style="list-style-type: none"> <li>• Location of Repeater Panel</li> </ul>	FCC	FCC	MR
	<ul style="list-style-type: none"> <li>• Alternate source of power</li> </ul>	Required	UPS/Generator/Batteries	MR
	<ul style="list-style-type: none"> <li>• Hooters' Location</li> </ul>	Required	All Corridor, Exit gate	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> <li>• Basements</li> </ul>	N.A.	N.A.	N.A.
	<ul style="list-style-type: none"> <li>• Upper Floor</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Sprinkler above false ceiling</li> </ul>	Required	All area protected with sprinkler	MR
11.	Internal Hydrants			
	<ul style="list-style-type: none"> <li>• Size of riser</li> </ul>	150 mm	150 mm	MR
	<ul style="list-style-type: none"> <li>• Number of hydrants per floor</li> </ul>	G=02, M=2, 1 <sup>st</sup> =2nos.	G=02, M=02 & 1 <sup>st</sup> =02nos.	MR
	<ul style="list-style-type: none"> <li>• Hose Box</li> </ul>	G=02, M=2, 1 <sup>st</sup> =3nos.	G=02, M=02 & 1 <sup>st</sup> =02nos.	MR

12.	Yard Hydrants			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> </ul>	20nos.	20nos.	MR
	<ul style="list-style-type: none"> <li>Hose Box</li> </ul>	20nos.	20nos.	MR
13.	Pumping Arrangements			
		HYDRANT		SPRINKLER
	<ul style="list-style-type: none"> <li>Ground Level</li> </ul>			
	<ul style="list-style-type: none"> <li>Discharge of main pump</li> </ul>	2280 LPM+4500LPM	2800 LPM+4500LPM	MR
	<ul style="list-style-type: none"> <li>Head of main pump</li> </ul>	70meters(Each)	70 Meters(Each)	MR
	<ul style="list-style-type: none"> <li>Number of main pumps</li> </ul>	02nos.	02nos.	MR
	<ul style="list-style-type: none"> <li>Jockey pump out put</li> </ul>	450 & 220 LPM	450LPM +280LPM	MR
	<ul style="list-style-type: none"> <li>Jockey pump head</li> </ul>	70m(Each)	70m(Each)	MR
	<ul style="list-style-type: none"> <li>Standby Pump out put</li> </ul>	4500LPM	2800LPM(electric pumps are connected to main DG set through dedicated feeder)	MR
	<ul style="list-style-type: none"> <li>Standby Pump Head</li> </ul>	70m	70m	MR
	<ul style="list-style-type: none"> <li>Auto Staring/Manual stopping</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Pump House Access</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Terrace level</li> </ul>	N.A.	N.A.	N.A.
	<ul style="list-style-type: none"> <li>Discharge of pump</li> </ul>	N.A.	N.A.	N.A.
	<ul style="list-style-type: none"> <li>Head of the pump</li> </ul>	N.A.	N.A.	N.A.
	<ul style="list-style-type: none"> <li>Power supply</li> </ul>	N.A.	N.A.	N.A.
	<ul style="list-style-type: none"> <li>Auto starting of pump</li> </ul>	N.A.	N.A.	N.A.
14.	Captive water Storage for fire fighting			
	<ul style="list-style-type: none"> <li>Underground tank capacity</li> </ul>	7Lakh Liters	7Lakh Liters	MR
	<ul style="list-style-type: none"> <li>Draw off connection</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Fire service inlet</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Access to tank</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Overhead Tank capacity</li> </ul>	N.A.	N.A.	N.A.
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	<ul style="list-style-type: none"> <li>Pressurization of Lift Shaft</li> </ul>	N.A.	N.A.	N.A.
	<ul style="list-style-type: none"> <li>Pressurization of lift lobby</li> </ul>	N.A.	N.A.	N.A.
	<ul style="list-style-type: none"> <li>Communication in lift Car</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Fireman's Grounding Switch</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Lift Signage</li> </ul>			

17.	Standby power supply	Required	Provided (UPS/ DG Set)	MR
18.	Refuge Area			
	➤ Total area	N.A.	N.A.	N.A.
	➤ Location	N.A.	N.A.	N.A.
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	FM 200 flooding system provided in server rooms and electric panels.	MR

The fire protection systems provided in the building were test checked at random 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.

Accordingly DFA is put up for kind consideration please.

Signature of the Inspecting Officer

Name: D.P.Bhardwaj

Designation : Divisional Officer

Signature of the Inspecting Officer

Name: Vedpal

Designation: Assistant Divisional Officer

