# GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI HEADOUARTERS: DELHI FIRE SERVICE: NEW DELHI- 110 001

NO. F6/DFS/MS/2015/52/216

Dated: 17/02/15

#### **FIRE SAFETY CERTIFICATE**

(Dr.G.C.Misra)

Chief Fire Officer

T.No.011-23414333

Copy to:-.

- 1. M/S Aspen Buildtech Limited, Bharti Crescent, 1, Nelson Mandela Road, Vasant Kunj, Phase-II, New Delhi-110070.
- 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 <a href="www.dfs.delhigovt.nic.in">www.dfs.delhigovt.nic.in</a>
- 7. The owner/occupier shall apply for renewal of this Fire Safety Certificate, six month prior to its expiry.

#### **INSPECTION REPORT**

1. Name & address of the building

2. Building is comprised of

3. Type of Occupancy

4. Type of Case

5. Details of Previous NOC

6. Fire Safety direction letter No

7. Date of Inspection 8. Name of the Inspecting Officers:

9. Name and designation of Officer from the building side 10. Year of Construction

11. Applicant's letter No

: Asset No.11, Hospitility District, IGI Airport, New Delhi 110037.

:B1(With Mezzanine)+B2+B3+G+6 upper floors. :Mixed Occupancy (Business and Mercantile).

: New Case.

: Nil.

: F.6/DFS/MS/BP/2011/527, Dated 22.03.2011 and F6/DFS/MS/BP/2013/193, Dated 10.01.2013.

: 19.01.2015.

: Atul Garg(Dy.CFO), D.P.Bahrdwaj(DO) & Vedpal (ADO)

: Mrs. Rani C (General Manager Services)

: 2014.

: Letter No.Nil, dated 16.01.2015

S.No	prevention and fire safety U/R-33	fire	Requirement	P	rovided at Site	Remarks MR/NMR			
1	Access to building								
	Road width		12 m	36	6m	MR			
	Gate width		6m	61	6m   I		MR		
	Width of internal road		6m	6r	m to 9m	MR			
2	Number, Width, Type and Arrangement of Exits.								
	a. Number of Staircases								
	Upper Floor		nos. 07nos.		~~~~~		MR		
	Basement		3 <sup>rd</sup> to 1 <sup>st</sup> 7nos + 1ramp,		3 <sup>rd</sup> to 1 <sup>st</sup> 7nos + 1ram		mp,	MR	
			1 <sup>st</sup> to ground 9nos						
			ramp		+1ramp				
	B. Width of Staircases								
	Upper Floor Basement c. Protection of exits Fire check door Pressurization e. No. of continuous staircases to terrace floor. g. Width of Corridor h. Door Size		1.5m(each)		1.7m(each)			MR	
			1.5m(each)+7.5m ramp		1.6m(each)+7.5m ramp		np	MR	
			Required		Provided			MR	
			Required		Provided			MR	
			Required		Provided			MR	
			04nos.		04nos.			MR	
			, and the second						
			1.5m		1.5m			MR	
			N.A.		N.A.			N.A.	
3	Compartmentation						,		
	Fire check door		Required		ovided		MR		
	Sealing of electrical shafts		Required		ovided		MR		
	Fire rating of shaft door		02hrs.	02	hrs.		MR		
	Water curtain Fire Dampers				Provided (Zone wise) in		MR	MR	
					asement only.				
			Required	Pr	Provided N		MR	MR	
	Smoke Management System.								
	Basement		30a/c per hour	Pr	ovided	MR			
	Upper floor		12 a/c per hour	Pr	ovided	MF			



## Asset No.11,, Hospitility District, IGI Airport, New Delhi 110037.

5.	Fire Extinguisher					1		
	Total numbers	270 nos.		276 nos.		MR		
	Types	WCO <sub>2</sub> , CO <sub>2</sub> , A	ABC &	WCO <sub>2</sub> , CO <sub>2</sub> , ABC &		MR		
		Foam Type	Foam Type		Foam Type			
	IS marking	ISI marked		ISI marked		MR		
6	First-aid-Hose Reels.							
	Total numbers of each floor	07nos		07nos		MR		
	Length of hose reel hose	30m		30m		MR		
	Nozzle diameter	5mm		5mm		MR		
7	Automatic fire detection and alarmi	ng system.						
	Type of detectors	Smoke & Heat Smoke & He			eat	MR		
	Location of main panel	Mezzanine Floor		Mezzanine Floor		MR		
	Location of repeater panel	Fire Control Room FCR at G I		FCR at G F	loor	MR		
	Alternate source of power	Required		Provided		MR		
	Hooters	On each floor		Provided		MR		
8	MOEFA	Required		Provided		MR		
9	Public address System.	Required	·	Provided		MR		
10	Automatic Sprinkler System.					IVIII		
	Basement	Required	-	Provided	MR			
	upper floor			Provided	MR			
	sprinkler above false ceiling	Required		Provided	MR			
11	Internal Hydrants	- Toquilou		TTOVIGEG	IVIIX			
	size of riser/down-comer	150mm	150mm	າ	M	P		
	Number of hydrants per floor	07nos. 07nos.						
	Hose Box		07nos. 07nos.		M			
12	Yard Hydrants.		011100.		101	11		
	Total number of hydrants	09nos.		09nos.	MR			
	Hose Box	09nos.		09nos.	MR			
13	Pumping Arrangements.			001100.	1411			
	> Ground Level	in .	T	***************************************	<del>                                      </del>	************************		
	Discharge of main Pump	2850lpm(Two)	2850	lpm(Two)1800	lom(one)	MR		
	Head of Main Pump	88m(Two)		(Two), 30m (c		MR		
	Number of main pumps	02nos.		s.+01no.		MR		
	Jockey pump out put	180 LPM(Two)		PM(Two)		MR		
	Jockey pump head	88m	105m	, ,		MR		
	Standby pump out put	2850 LPM	28501			MR		
	<ul> <li>Standby pump Head</li> <li>Auto Starting /Manual</li> </ul>	88m	105m			MR		
		Required	Provided			MR		
	stopping			-		-		
	<ul><li>Pump House Access</li><li>Terrace Level</li></ul>	Required	Provided			MR		
	<ul><li>Discharge of pump</li></ul>	Required	Provid	ed		MR		
	<ul><li>Head of the Pump</li></ul>	900LPM	900LF	PM		MR		
	> Power supply	40m	40m			MR		
	<ul><li>Auto Starting of pump</li></ul>	Required	Provid	ded		MR		
		Required				· ·		

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Asset No.11, Hospitility District, IGI Airport, New Delhi 110037.

	Asset No.11, Hospitility District, IGI		0037.					
14	Captive Water Storage for Fire Fighting.							
	Underground tank capacity	150000Liters	150000Litrs.	MR				
	Draw-off connection	Required	Provided	MR				
	Fire service inlet	Required	Provided	MR				
	Access to tank Overhead Tank capacity	Required	Provided	MR				
		20000Liters	Provided	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				
	Firemen's grounding switch Lift Signage	Required	Provided	MR				
		Required	Provided	MR				
17	Standby power supply	Required	1250KVA(Two)	MR				
18	Refuge Area.							
	Total area	550sqm.	550sqm. MR					
	Location	6 <sup>th</sup> Floor	6 <sup>th</sup> Floor	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					
20	Special Fire Protection systems for	Required for	Provided( CO <sub>2</sub>	flooding	MR MR			
	protection of special Risks, if any:	transformers, LT &HT panels			IVIIX			

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: Atul Garg

Designation Dy. Chief Fire Officer

Signature of the Inspecting Officer

Name: D.P.Bhardwaj

Designation Divisional Officer

Signature of the Inspecting Officer

Name: Vedpal

Designation Assistant Divisional Officer

DCFO (Such) John