

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS, DELHI FIRE SERVICE, CONNAUGHT PLACE,  
NEW DELHI

No: F6/DFS/MS/Parking/2012/124

Dated: 13/01/12

FIRE SAFETY CERTIFICATE

Certified that the M/s Multilevel Car Parking up ground to 5<sup>th</sup> floor and 6<sup>th</sup> floor for officer at Terminal-3, IGI Airport, New Delhi comprised of ground plus six upper floors was granted NOC by this department vide letter no. F6/MS/DFS/2010/2225 Dated 28.07.2010 for multilevel car parking ground to 5<sup>th</sup> floor. The premises re-inspected by the officers concerned of Fire Service on 22.12.2011 in the presence of Mr. Prit Pal (HOD), of the Multilevel car parking at that the building is fit for occupancy class H "Storage Building" with effect from 13/01/12 for a period of three years. Subject to conditions as mentioned below.

Issued on 13/01/12 at New Delhi by.

  
Chief Fire Officer  
For Director  
Delhi Fire Service

Copy To :

1. The Delhi Airport Parking Service Pvt. New Udaan Bhawan, Terminal- Opp. ATC Complex, IGI Airport, New Delhi
2. The Executive Officer-Airport Development, Dail, T-3 Project Officer, Opp. ATS Complex Near Terminal-2, IGI Airport, New Delhi.

**Condition for the validity of fire safety certificate**

1. All the fire safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
2. Building sanctioning authority may verify any deviation with regard to the construction/occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
3. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
4. The basement shall be used strictly as per the provisions of Building Bye laws.
5. 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](http://www.dfs.delhigovt.nic.in).

## INSPECTION REPORT

1	Name & address of the building	M/s Multi Level Car Parking at Terminal-3, IGI Airport, New Delhi-		
2	Type of Occupancy	Storage "H" Car Parking and Officer		
3	Type of case	Addition of Office at 6th floor ( 300 sq. Mtr)		
4	Details of previous NOC	F6/MS/DFS/2010/2225 Dated 28.07.2010 ( Ground to 5th floors)		
5	Fire safety directives letter No	F6/MS/DFS/BP/2009/1247 Dated 08.05.2009		
6	Date of inspection	22.12.2011		
7	Name of the inspecting Officers :	D.O. (South) D.P. Bhardwaj, ADO(BCP) S.S.Kaushik		
8	Name and designation of officers from the building side	Mr.Anil Sharma (Fire Officer) & Mr. Prit Pal Singh (HOD)		
9	Year of construction	2010		Ground plus 6th floor
10	Applicant's letter No.	DAPS/Office/11-12/101	11-Nov-11	Office at six floor (300 sq mtrs)
<b>S. NO.</b>	<b>Minimum Standards on fire prevention and fire safety U/R 33</b>	<b>NBC Requirement</b>	<b>Provided at site</b>	<b>Remarks MR / NMR</b>
<b>1</b>	<b>Access to building</b>			
	1) Road width	9 mtrs	Provided	MR
	2) Gate width	6mtrs	Provided	MR
	3) Width of internal road	6 mtrs	Provided	MR
<b>2</b>	<b>Number, width Type &amp; arrangement of exits</b>			
	<b>a. Number of staircases</b>	5 Nos.		
	1. Upper floors	Required	5 Nos + 4 Ramp Provided	MR
	2. basements	N/A	N/A	N/A
	<b>b. Width of staircase</b>			
	1. Upper floors	1.5 mtrs	Provided	MR
	2. basements	N/A	N/A	N/A
	<b>c. Protection of exits</b>			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	Provided	MR
	<b>d. No. of continuous staircase to terrace</b>	Required	5 Nos. Stairs Provided	MR
	e. Width of corridor	N/A	N/A	N/A
	f. Door size	N/A	N/A	N/A
<b>3</b>	<b>Compartmentation.</b>			
	1. Fire check door	Required	Provided	MR
	2. Sealing of electrical shafts	Required	Provided	MR
	3. Fire Rating of shaft door	Required	Provided	MR
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	N/A	N/A	N/A
<b>4</b>	<b>Smoke Management system.</b>			
	basement	30 a/c per hour 12 a/c per hour	N/A	N/A
	upper floors		Natural Ventilation	MR
<b>5</b>	<b>Fire Extinguishers</b>			
	total numbers		190 Nos	MR
	Types		ABC, Co2, Water Co2	MR
	ISI marking	ISI	Yes	MR
<b>6</b>	<b>First-Aid Hose Reels.</b>			
	total numbers on each floor	5 Nos.	Provided	MR
	Length of Hose reel hose	30 m	Provided	MR
	Nozzle Diameter	5 mm	Provided	MR

<b>7</b>	<b>Automatic fire detection and alarming system</b>			
	Type of detectors	Required	Provided (Smoke & heat)	MR
	location of Main Panel	Required	Ground floor	MR
	location of Repeater panel	Required	All Floor	MR
	Alternate source of power	Required	Battery Backup	MR
	hooter's location	Staircase	Provided	MR
<b>8</b>	<b>MOEFA</b>	Required	Provided	MR
<b>9</b>	<b>Public Address System.</b>	Required	Provided	MR
<b>10</b>	<b>Automatic Sprinkler System.</b>			
	basement	N/A	N/A	N/A
	upper floors	Required	Provided	MR
	sprinkler above false ceiling	Required	Provided	MR
<b>11</b>	<b>Internal Hydrants</b>			
	Size of riser/down-corner	150 MM	Provided	MR
	Number of Hydrants per floor	Required	5 Nos. Provided	MR
	hose Box	Required	5 Nos. Provided	MR
<b>12</b>	<b>Yard Hydrants.</b>			
	total number of hydrants	Required	11 Nos. Provided	MR
	hose box	Required	11 Nos. Provided	MR
<b>13</b>	<b>Pumping arrangements</b>			
	<b>1. Ground level</b>			
	a. Discharge of main Pump	2280 LPM	Provided	MR
	b. Head of main pump	80 Mtr	Provided	MR
	c. Number of main pumps	Two	Provided	MR
	d. jockey pump out put	180 LPM ( 2 nos)	Provided	MR
	e. jockey pump head	80 Mtr	Provided	MR
	f. Standby Pump output	2280 LPM	Provided	MR
	g. Stanby Pump head	80 Mtr	Provided	MR
	h. Auto Starting/Manual stopping	Required	Provided (Both)	MR
	pump house access	Required	Provided	MR
	<b>2. Terrace level</b>			
	a. Discharge of pump	900 LPM	Provided	MR
	b. head of the pump	45 mtr	Provided	MR
	c. Power supply	Required	Provided	MR
	d. Auto starting of pump	Required	Provided	MR
<b>14</b>	<b>Captive water storage for fire fighting</b>			
	1. Underground tank capacity	1,00,000 Ltrs	Provided	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	Required	Provided	MR
	c. Access to tank	Required	Provided	MR
	Over head tank Capacity	10,000 ltr	Provided	MR
<b>15</b>	<b>Exit Signage.</b>	Required	Provided	MR
<b>16</b>	<b>Provision of lifts.</b>			
	a. Pressurization of lift shaft	Required	Provided	MR
	b. pressurization of lift lobby	Required	Provided	MR
	c. communication in lift car	Required	Provided	MR
	d. Fireman's grounding switch	Required	Provided	MR
	e. Lift signage	Required	Provided	MR
<b>17</b>	<b>Standby power supply</b>	Required	Provided	MR
<b>18</b>	<b>Refuge Area.</b>	Not Required		
	total area			
	location			

<b>19</b>	<b>Fire control room</b>			
	a. detector system Panel	Required	Provided	MR
	b. Flow switch Panel	Required	Provided	MR
	c. PA system Panel	Required	Provided	MR
	d. Batter backup	Required	Provided	MR
	e. Building floor plans	Required	Not	MR

**20 Special Fire Protection systems for protection of special risks, if any:**

As per approved plans ground to 5th floors for car parking and 6 floor is for car parking and food court but now they have constructed an office at 6th floor opp. 300 sq mtr and all fire safety provision have been extend to this newly constructed area at 6th floor. The fire protection systems provided in the building were 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 rule. The grant of Fire Safety Certificate under rules 35 of the Delhi Fire Service Rules 2010/ May be recommended for the said multi level car parking subject to conditions give in the letter Accordingly DFA is put up for your approval and signature please.

Signature of the inspecting officer

Name D. P. Bhardwaj

Designation : Divisional Officer (South)

Signature of the Inspecting Officer

Name

S.S. Kaushik

Designation

ADO (BCP)