

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001**

No. F.6/DFS/MS/Mixed/2021/SZ/ 490

Dated: 07/10/2021

**FIRE SAFETY CERTIFICATE**

Certified that M/s **Research and Innovation Park**, IIT Delhi Campus, Hauz Khas, New Delhi-110016, comprised of Two Basement, Ground + Six Upper Floors, owned/occupied by Govt. of NCT of Delhi have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rule, 2010 and verified by the officers concerned of this department on 05/09/2021 in the presence of Mr. Sunny Raman (JE/SDMC) and Mr. Rajeev Aggarwal (Head Fire Officer) and found that the said building/ premises is fit for occupancy class **Mixed** (Residential/Business/Assembly) with effect from 07/10/2021 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 07/10/2021 at New Delhi by

  
(Atul Garg)  
Director

**Delhi Fire Service**

Copy to: -

1. The Executive Engineer (Bldg) HQ-I, South Delhi Municipal Corporation, 9<sup>th</sup> Floor, SPM Civic Centre, Minto Road, New Delhi- 110002
2. Sh. Rajeev Aggarwal (Head Fire Officer), Research and Innovation Park, IIT Delhi Campus, Hauz Khas, New Delhi-110016

**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 arrangement provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life 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 fire fighting 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 [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)
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 (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry."

## INSPECTION REPORT

1	Name & Address of the Building	<b>Research and Innovation Park, III Delhi Campus,</b> Hauz Khas, New Delhi 110016		
2	Type of Occupancy	Mixed (Residential/Business/Assembly).		
3	Building Comprised of	2 Basement, Ground + Six Upper Floors (Ht. 26m)		
4	Type of Case	New Case		
5	Details of Previous NOC	Nil		
6	Fire Safety Directives Letter No	F.6/DFS/MS/2017/BP/42 dated 20/02/2017		
7	Date of Inspection	05/10/2021		
8	Name of the Inspecting Officers	DCFO (SZ), DO (SD), ADO (BCP)		
9	Name & Designation of Officers from the building side	Sh. Sunny Raman (JE/SDMC) and Sh. Rajeev Aggarwal (Head Fire Officer), III		
10	Year of construction	2017		
11	Applicant letter No.	Online ID No. 10088149 dated 16/06/2021		
<b>S. No.</b>	<b>Minimum standards on Fire Prevention and Fire Safety U/R 33</b>	<b>NBC / UBBL Requirements</b>	<b>Provided at Site</b>	<b>Remarks MR/NMR</b>
<b>1</b>	<b>Access to Building.</b>			
	• Road width	9m	Provided	MR
	• Gate width	6m	Provided	MR
	• Width of internal road	6m	Provided	MR
<b>2</b>	<b>Number, width, type &amp; arrangement of exits.</b>			
	<b>a) Number of Staircase</b>			
	➤ Upper floors.	6 Nos	Provided	MR
	➤ Basement floor.	6 Nos	Provided	MR
	<b>b) Width of Staircase</b>			
	➤ Upper floors	1.50m & 2.0m	1.50m & 2.0m	MR
	➤ Basement floor	1.50m	1.50m & 2.0m	MR
	<b>c) Protection of exits</b>			
	➤ Fire check door	Required	Provided	NMR
	➤ Pressurization	Required	Provided	NMR
	<b>d) No. of continuous staircase to terrace</b>	6 Nos	Provided	MR
	<b>e) Width of corridor</b>	1.8m & 2.0m	Provided	MR
	<b>f) Door size</b>	1.5m & 2.0m	Provided	MR
<b>3</b>	<b>Compartmentation.</b>			
	• Fire check door.	Required	Provided	MR
	• Sealing of electrical shafts.	Required	Provided	MR
	• Fire rating of shaft door.	Required	Provided	MR
	• Water curtain	Required	Provided	MR
	• Fire dampers.	Required	Provided	MR
<b>4.</b>	<b>Smoke Management system.</b>			
	• Basement	30 ACPH	Exhaust fan provided	NMR
	• Upper floors	12 ACPH	Natural Ventilation	MR
<b>5.</b>	<b>Fire Extinguishers.</b>			
	• Total numbers		40 Nos	MR
	• Types	ISI marked	ABC, CO <sub>2</sub> & W.CO <sub>2</sub>	MR
	• ISI Marking		Provided	MR
<b>6.</b>	<b>First Aid Hose Reels.</b>			
	• Total numbers on each floor.		03 Nos at each floor	MR
	• Length of hose-reel hose.	Hose-reels	30m	MR
	• Nozzle Diameter		5mm	MR

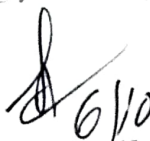
7.	<b>Automatic fire detection &amp; alarming system.</b>			
	• Type of detectors	Smoke & Heat	Provided	MR
	• Location of Main Panel	Ground Floor	Provided	MR
	• Location of Repeater Panel	-NA-	-NA-	-NA-
	• Alternate source of power	Required	Provided	MR
	• Hooter's location	All Areas	Provided	MR
8.	<b>MOEFA</b>	Required	Provided	MR
9.	<b>Public Address System</b>	Required	Provided	MR
10.	<b>Automatic Sprinkler System</b>			
	• Basement	Required	Provided	MR
	• Upper floors	Required	Provided	MR
	• Sprinkler above false ceiling	-NA-	-NA-	-NA-
11.	<b>Internal Hydrants.</b>			
	• Size of Riser/Down-comer	150 mm	Provided	MR
	• Number of Hydrant per floor	03 Nos	Provided	MR
	• Hose box.	03 Nos	Provided	MR
12.	<b>Yard Hydrants.</b>			
	• Total number of hydrants.	06 Nos	Provided	MR
	• Hose box.	06 Nos	Provided	MR
13.	<b>Pumping arrangements.</b>			
	• <b>Ground Level</b>			
	➤ Discharge of main pump.	2850 LPM	Provided	MR
	➤ Head of main pump.	70m	Provided	MR
	➤ Number of main pumps.	Three	Provided	MR
	➤ Jockey Pump output.	180 LPM	Provided	MR
	➤ Jockey Pump head.	70m	Provided	MR
	➤ Standby Pump output.	2850 LPM	Provided	MR
	➤ Standby Pump head.	70m	Provided	MR
	➤ Auto Starting / Manual Stopping.	Required	Provided	MR
	➤ Pump house access.	Required	Provided	MR
	• <b>Terrace Level</b>			
	➤ Discharge of pump.	-NA-	-NA-	-NA-
	➤ Head of pump.	-NA-	-NA-	-NA-
	➤ Power supply.	-NA-	-NA-	-NA-
	➤ Auto starting of pump.	-NA-	-NA-	-NA-
14.	<b>Captive water storage for fire fighting.</b>			
	• Underground tank capacity.	2,00,000 Ltr	Provided	MR
	➤ Draw-off connection.	Required	Provided	MR
	➤ Fire Service Inlet.	Required	Provided	MR
	➤ Access to tank.	Required	Provided	MR
	• Overhead tank capacity.	10,000 Ltrs	Provided	MR
15.	<b>Exit Signage.</b>	Required	Provided	MR
16.	<b>Provision of Lifts.</b>			
	• Pressurization of lift shaft.	Required	Provided	MR
	• Pressurization of lift lobby.	Required	Provided	MR
	• Communication in lift car.	Required	Provided	MR
	• Fireman's switch.	Required	Provided	MR
	• Lift signage.	Required	Provided	MR
17.	<b>Standby Power Supply</b>	Required	Provided (DG Set)	MR
18.	<b>Refuge Area</b>			
	• Total area	-NA-	-NA-	-NA-
	• Location	-NA-	-NA-	-NA-


19.	<b>Fire Control Room.</b>	• 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 plan.	Required	Provided	MR
20.	<b>Special Fire Protection System for the Protection of special Risk, if any.</b>		-NA-	-NA-	-NA-


The fire protection systems provided in the building were checked, tested at random and found functional at the time of inspection. The shortcomings communicated by vide this department letter No. F6/DFS/MS/2021/SZ/1725 dated 03/08/2021 found complied.

Keeping in view the substantial satisfactory compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, it is recommended to issue Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules, 2010

Accordingly, DFA is put up for approval and signature please.

  
 Signature of the Inspecting Officer  
 Name : Sunil Chawdhary  
 Designation: DCEO

  
 Signature of the Inspecting Officer  
 Name : S.K. (Dua)  
 Designation: DO (SD)

  
 Signature of the Inspecting Officer  
 Name : Rajesh Kumar  
 Designation: ADO (BCP)

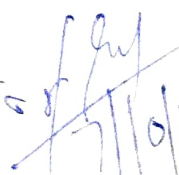
CFO (HQ)

(on D. off)

Director   
 01/10/21 FTPIB

DFA/SZ

It is put up for signature, please

Director   
 01/10/21

