



C-36

No.F6/DFS/MS/Institutional/SZ/2022/ 12

Dated: 19/9/2022

**FIRE SAFETY CERTIFICATE**

Certified that the M/s **The Institute of Indian Foundrymen Building located at Plot no. 67, Tughlakabad Institutional Area, New Delhi-44**, comprised of **Basement + Stilt + Ground + 03 upper floors** was jointly inspected by a team of officers concerned of Delhi Fire Service on 15.09.2022 in the presence of Mr. Atin Pandey (Assist. Manger), Mr. Manoj, JE (Bldg.) & Mr. Deepak, AE (Bldg.) and found that the building has deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of the Delhi Fire Service Rules, 2010. Hence the premises/building (**Basement + Stilt + Ground + 03 upper floors**) is fit for occupancy of Group B –**“Educational Building”** with effect from 19/9/2022 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 conditions under Rule 38 of Delhi Fire Service Rules, 2010 printed below.

Issued on 19/9/2022 at New Delhi by

  
(Atul Garg)  
Director  
Delhi Fire Service

**Copy to:-**

1. The Commissioner, South MCD, Civic Centre, Minto Road, New Delhi-02.
2. The Executive Engineer (Building), South DMC, Jal Vihar, Lajpat Nagar, New Delhi-24.

**Conditions for the validity of Fire Safety Certificate**

1. All the means of escape shall be kept free of all the 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. The clarification with regards electrical installation, ventilation, structure stability set back areas, occupancy and constructional deviation in building etc .may be got verified from the authorities concerned.
5. This Fire Safety Certificate cannot be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. Basement shall be used as per NBC Part-IV/UBBL 2016.
7. 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).
8. The owner /occupier shall apply for renewal of this fire safety certificate to the Director in form J' [sub Rule (1) of Rule 37] along with a copy of this certificate, six months prior to its expiry.

## INSPECTION REPORT

1	Name & address of the building	<b>The Institute of Indian Foundrymen Building located at Plot no. 67, Tughlakabad Institutional Area, New Delhi-44.</b>		
2	Building is comprised of	<b>Basement + Stilt + Ground + 03 upper</b>		
3	Type of occupancy	Group B –Educational Building		
4	Type of case	New case		
5	Details of previous FSC	Nil		
6	Fire safety directive letter no.	F6/DFS/MS/BP/2017/11 dated 12.01.2017		
7	Date of inspection	15.09.2022		
8	Name of the inspecting officers	Sunil Chawdhary, Dy. CFO (SZ) & Rajesh Kumar Shukla, ADO (M. Road)		
9	Name of the designation of officer from the building side	Mr. Atin Pandey (Assist. Manger), Mr. Manoj, JE (Bldg.) & Mr. Deepak, AE (Bldg.)		
10	Year of construction	2020		
11	Applicant's letter no.	Online ID:-10106489 dated 15.09.2022		
S.No	<b>Minimum standard of fire prevention and fire safety U/R 33</b>	<b>Requirement as NBC/UBBL</b>	<b>Provided at site</b>	<b>Remarks MR/NMR</b>
1	<b>Access to Building:</b>			
A	Road width	6.0 mtrs	13.5 mtrs	MR
B	Gate width	5.0 mtrs	6.0 mtrs	MR
C	Width of internal road	NA	NA	NA
2	<b>Number, Width, Type and Arrangement of Exits:</b>			
A	Number of staircases			
a	Upper floor	02 nos.	02 nos.	MR
b	Basement	02 nos	02 nos.	MR
B	Width of staircases			
a	Upper floor	1.5 mtrs & 1.35 mtrs	1.5 mtrs & 1.35 mtrs	MR
b	Basement	1.5 mtrs & 1.35 mtrs	1.5 mtrs & 1.35 mtrs	MR
C	Protection of exits			
a	Fire check door	Required	Provided	MR
b	Pressurization	NA	NA	NA
D	No. of continuous staircases to terrace	02 no.	Provided	MR
E	Width of corridor	NA	NA	NA
F	Door size	1.0 mtrs.	1.0 mtrs.	MR
3	<b>Compartmentation:</b>			
A	Fire check door	Required	Provided	MR
B	Sealing of electrical shafts	Required	Provided	MR
C	Fire rating of shaft door	NA	NA	NA
D	Water curtain	NA	NA	NA
E	Fire dampers	NA	NA	NA
4	<b>Smoke Management System:</b>			
A	Basement	12 ACPH	Provided	MR
B	Upper floor	12 ACPH	Provided	MR

5.	<b>Fire Extinguisher:</b>				
	A	Total numbers	16 nos.	18 nos.	MR
	B	Types	CO <sub>2</sub> & ABC	CO <sub>2</sub> & ABC	MR
	C	ISI marking	Required	Provided	MR
6	<b>First-Aid-Hose Reel:</b>				
	A	Total numbers of each floor	01 no.	Provided	MR
	B	Length of hose reel hose	30 mtrs	Provided	MR
	C	Nozzle diameter	5 mm	Provided	MR
7	<b>Automatic Fire Detection and Alarming System:</b>				
	A	Type of detectors	NA	NA	NA
	B	Location of main panel	NA	NA	NA
	C	Location of repeater panel	NA	NA	NA
	D	Alternate source of power	NA	NA	NA
	E	Hooters	NA	NA	NA
8	<b>MOEFA:</b>				
9	<b>Public Address System:</b>				
10	<b>Automatic Sprinkler System:</b>				
	A	Basement	NA	NA	NA
	B	Upper floor	NA	NA	NA
	C	Sprinkler above false ceiling	NA	NA	NA
11	<b>Internal Hydrants:</b>				
	A	Size of riser/down-comer	NA	NA	NA
	B	Number of hydrants per floor	NA	NA	NA
	C	Hose box	NA	NA	NA
12	<b>Yard Hydrants:</b>				
	A	Total number of hydrants	NA	NA	NA
	B	Hose box	NA	NA	NA
13	<b>Pumping Arrangements:</b>				
1	<b>Ground level</b>				
	A	Discharge of main pump	NA	NA	NA
	B	Head of main pump	NA	NA	NA
	C	Number of main pumps	NA	NA	NA
	D	Jockey pump out put	NA	NA	NA
	E	Jockey pump head	NA	NA	NA
	F	Standby pump out put	NA	NA	NA
	G	Standby pump head	NA	NA	NA
	H	Auto starting /manual stopping	NA	NA	NA
	J	Pump house access	NA	NA	NA
2	<b>Terrace Level</b>				
	A	Discharge of pump	450 LPM	450 LPM	MR
	B	Head of the pump	40 mtrs	40 mtrs	MR
	C	Power supply	Required	Provided	MR
	D	Auto starting of pump	Required	Provided	MR



<b>14 Captive Water Storage for Fire Fighting:</b>				
A	Underground tank capacity	NA	20,000 ltrs	NA
B	Draw-off connection	Required	Provided	MR
C	Fire service inlet	Required	Provided	MR
D	Access to tank	Required	Provided	MR
E	Overhead tank capacity	10,000 ltrs	10,000 ltrs	MR
<b>15 Exit Signage:</b>				
		Required	Provided	MR
<b>16 Provision of Lifts:</b>				
A	Pressurization of lift shaft	NA	NA	NA
B	Pressurization of lift lobby	NA	NA	NA
C	Communication in lift car	Required	Provided	MR
D	Firemen's grounding switch	Required	Provided	MR
E	Lift signage	Required	Provided	MR
<b>17 Standby Power Supply:</b>				
		NA	NA	NA
<b>18 Refuge Area:</b>				
A	Total area	NA	NA	NA
B	Location	NA	NA	NA
<b>19 Fire Control Room:</b>				
A	Detector system panel	NA	NA	NA
B	Flow switch panel	NA	NA	NA
C	PA system panel	NA	NA	NA
D	Battery backup	NA	NA	NA
E	Building floor plans	NA	NA	NA
<b>20 Special Fire Protection systems for protection of special Risks, if any:</b>				
		NA		NA

**Meeting Requirement (MR), Not Meeting Requirement (NMR), Not Applicable (NA), Provided but Not Functional (PNF), Not Provided (NP).**

The fire protection systems provided in the building were tested, checked at random and found functional at the time of inspections.

The shortcomings issued to the building vide letter no. F6/DFS/MS/SZ/2020 dated 11.12.2020 has been rectified by the management.

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

Accordingly, letter is put up for approval & signature Please.

Signature of the Inspecting Officer  
 Name Sunil Chawdhary  
 Designation Dy. CFO (SZ)

Signature of the Inspecting Officer  
 Name Rajesh Kumar Shukla  
 Designation ADO (M. Road)

cfo  
 16/11/2020

Director  
 16/11/20

FIPY

DUP/S

ADO (M.R)

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