



No.F6/DFS/MS/Assembly/SZ/2023/ 406

Dated: 23/08/2023

### FIRE SAFETY CERTIFICATE

Certified that the M/s Humayuns Tomb Interpretation Centre, Near Humayuns Tomb, Sunder Nursery, Nizamuddin, Mathura Road, New Delhi, comprised of 2 blocks namely:- **Museum Block = Basement only & Admin Block = Basement + Ground + 1 upper floor** owned & occupied by M/s Humayuns Tomb Interpretation Centre 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 a team of officers concerned of Fire Service on 17.03.2023 in the presence of Mr. Avinash Raj (JE/Bldg), & Mr. Naveen Kaul (AE/Bldg), SDMC, in joint site inspection (JSI) dated 17.03.2023 and that the premises/building comprised of 2 blocks (**Museum Block = Basement only & Admin Block = Basement + Ground + 1 upper floor**) is fit for occupancy of Group D "Assembly Building" (Galleries) with effect from 23/08/2023 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 23/08/2023 at New Delhi by

(Atul Garg)  
Director  
Delhi Fire Service

#### Copy to:-

1. The Executive Engineer (Bldg) HQ, South MCD, 9th floor, Civic Centre, Minto Road, New Delhi.
2. The Executive Engineer (Building), South DMC, Jal Vihar, Lajpat Nagar, New Delhi-24.
3. The Authorized Signatory, M/s Humayuns Tomb Interpretation Centre, Near Humayuns Tomb, Sunder Nursery, Nizamuddin, Mathura Road, New Delhi.

#### 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. Basement shall used as per NBC/UBBL-2016.
6. This Fire Safety Certificate cannot be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
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.

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INSPECTION REPORT

1	Name & address of the building	M/s Humayuns Tomb Interpretation Centre, Near Humayuns Tomb, Sunder Nursery, Nizamuddin, Mathura Road, New Delhi.			
2	Building is comprised of	Comprised of 2 blocks namely:- Museum Block = Basement only Admin Block = Basement + Ground + 1 upper floor			
3	Type of occupancy	Assembly Building -Group D			
4	Type of case	New case			
5	Details of previous FSC	NIL			
6	Fire safety directive letter no.	F6/DFS/MS/2014/BP/07 dated 09.01.2015			
7	Date of inspection	17.08.2023			
8	Name of the inspecting officers	Manoj Kumar Sharma, DO (SD) & Rajesh Kumar Shukla, ADO (M. Road)			
9	Name of the designation of officer From the building side	Mr. Avinash Raj (JE/Bldg), & Mr. Naveen Kaul (AE/Bldg), SDMC.			
10	Year of construction	2023			
11	Applicant's letter no.	Online ID no. 10116864			
S. No	Minimum standard of Fire Prevention and Fire Safety U/R 33	Requirements (as per the Directive issued)	Provide at site	Remarks MR/NMR	
1	<b>Access to Building</b>				
	A	Road width	12.0 mtrs	12.0 mtrs	MR
	B	Gate width	NA	NA	NA
	C	Width of internal roads	NA	NA	NA
2	<b>Number, Width, Type &amp; Arrangement of Exits</b>				
	A	No. of staircase:			
		a) Upper floor	Admin Block = 3 nos.	Admin Block = 3 nos.	MR
		b) Basements	Museum Block = 1 no. + 3 nos. (ramp) Admin Block = 3 nos.	Museum Block = 1 no. + 3 nos. (ramp) Admin Block = 3 nos.	MR
	B	Width of the staircase:			
		a) Upper floors	Admin Block = 2.0 m each [Proposed 2.25 m (1 no.) & 3.25m (2 nos.)]	Admin Block = 2.0 m each	MR
		b) Basements	Admin Block = 2.0 m each [Proposed 2.25 m (1 no.) & 3.25m (2nos.)] Museum Block = 3.75m & 3.5 m (ramp)	Admin Block = 2.0 m each Museum Block = 3.75m & 3.5 m (ramp) each	MR
	C	Protection of Exits			
		a) Fire check door	Required	Provided	MR
		b) Pressurization	NA	NA	NA
	D	No. of continuous staircase to terrace:	3 nos.	3 nos.	MR
	E	Width of the corridor	NA	NA	NA
	F	Door size	Museum Block = 8 nos. x 2 m Admin Block = 2 m	Provided	MR
3	<b>Compartmentation:</b>				
	A	Fire check doors	Required	Provided, entry segregated at ground floor	MR
	B	Sealing of horizontal & vertical opening	Required	Provided	MR
	C	Fire rating of shaft doors	2 hours	Provided	MR
	D	Water curtain	NA	NA	NA
	E	Fire dampers	NA	NA	NA
4	<b>Smoke Management System:</b>				
	A	Basements	12 ACPH	Provided	MR
	B	Upper floors	12 ACPH	Provided	MR
5	<b>Fire Extinguishers</b>				
	A	Total numbers	45 nos.	45 nos.	MR
	B	Types	CO <sub>2</sub> & ABC	CO <sub>2</sub> & ABC	MR
	C	ISI marking	ISI marked	Provided	MR

<b>First Aid Hose Reel</b>				
A	Total no. at each floor	Museum Block = 4 nos. Admin Block = 3 nos.	Museum Block = 4 nos. Admin Block = 3 nos.	MR
B	Length of hose reel	30 mtrs	30 mtrs	MR
C	Nozzle diameter	5 mm	5 mm	MR
<b>Automatic Fire Detection and Alarm System (ADAS)</b>				
A	Type of detectors	NA	Smoke/beam detector	NA
B	Location of main Panel	NA	Provided	NA
C	Location of repeater panel	NA	NA	NA
D	Alternate power source	NA	NA	NA
E	Hooter's location	NA	Audible in entire building	NA
3	MOEFA	Required	Provided	MR
9	Public Address System	NA	NA	NA
10	<b>Automatic Sprinkler System</b>			
A	Basement	Required	Provided	MR
B	Upper floor	Required	Provided	MR
C	Sprinklers above false ceiling	NA	NA	NA
11	<b>Internal Hydrants</b>			
A	Size of the riser/down comer	150 mm each	150 mm each	MR
B	No. of hydrants per floor	Museum Block = 4 nos. Admin Block = 3 nos.	Museum Block = 4 nos. Admin Block = 3 nos.	MR
C	Hose box	Museum Block = 4 nos. Admin Block = 3 nos.	Museum Block = 4 nos. Admin Block = 3 nos.	MR
12	<b>Yard Hydrants</b>			
A	Total no. of hydrants	NA	NA	NA
B	Hose box	NA	NA	NA
13	<b>Pumping Arrangements</b>			
A	<b>Ground Level</b>			
	a) Discharge & head of main pump	Museum Block =2850 LPM & 70 m Admin Block = 2850 LPM & 70 m	Museum Block =2850 LPM & 70 m Admin Block = 2850 LPM & 70 m	MR
	b) Number of main pump	1 no. each block	Provided	MR
	c) Discharge & head of jockey pump	Museum Block =180 LPM & 70 m Admin Block = 180 LPM & 70 m	Museum Block =180 LPM & 70 m Admin Block = 180 LPM & 70 m	MR
	d) Discharge & head of Standby pump	Museum Block =2850 LPM & 70 m Admin Block = 2850 LPM & 70 m	Museum Block =2850 LPM & 70 m Admin Block = 2850 LPM & 70 m	MR
	e) Auto starting/ manual stopping	Required	Provided	MR
B	<b>Terrace Level</b>			
	a) Discharge of terrace pump	Admin Block = 900 LPM	Admin Block = 900 LPM	MR
	b) Head of terrace pump	40 m	40 m	MR
	c) Alternate power supply	Required	Provided	MR
	d) Auto starting of pump	Required	Provided	MR
14	<b>Captive Water Storage for Fire Fighting</b>			
A	Underground tank capacity	50,000 ltrs each block	50,000 ltrs each block	MR
B	Draw off connection	Required	Provided	MR
C	Fire Service Inlet	Required	Provided	MR
E	Access to tank	Required	Provided	MR
D	Overhead tank capacity	20,000 ltrs for Admin block	Provided	MR
15	Exit Signage	Required	Provided	MR
16	<b>Provision of lift</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	Fireman switch	Required	Provided	MR
E	Lift signage	Required	Provided	MR
17	Standby Power Supply	Required	Required	MR

<b>18</b>	<b>Refuge Area</b>			
<b>A</b>	location	NA	NA	NA
<b>B</b>	Total area	NA	NA	NA
<b>19</b>	<b>Fire Control Room</b>			
<b>A</b>	Fire detection system panel	NA	NA	NA
<b>B</b>	Flow switch panel	NA	NA	NA
<b>C</b>	P A system panel	NA	NA	NA
<b>D</b>	Battery backup	NA	NA	NA
<b>E</b>	Building floor plan	NA	NA	NA
<b>20</b>	<b>Special Fire Protection for special risk if any</b>			
<b>A</b>	Special fire protection system for protection of special risk, if any:			NA

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

Note:- The proposed width of staircase in one of the blocks i.e. Admin block was 2.25 m (1 no.) & 3.25 (2nos.). However all the three staircases in this block of 2 meters width and is meeting the requirements of UBBL 2016.

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

If agreed to above note & 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.

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Signature of the Inspecting Officer  
Name Manoj Kumar Sharma  
Designation DO (SD)

*Rk*  
18/8/23

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

CFD  
*Hugh*  
18/8/2023

*Director*  
*[Signature]*  
18/8/23  
*[Signature]*  
*[Signature]*

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*Director (DPS)*  
*[Signature]*  
29/8/23

*Rk*  
29/8/23