



No.F6/DFS/MS/Educational/SZ/2024/ 34

Dated: 15/07/2024

FIRE SAFETY CERTIFICATE

Certified that the M/s **Bosco Technical Training Society** located at **Okhla Road, New Delhi-25**, comprised of **Two Blocks :Tower 1- Basement + Ground + 07 upper floors & Tower II- Basement + Ground + 08 upper floors** owned & occupied by **Bosco Technical Training Society** 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 from this department on 09.07.2024 in a Joint Site Inspection (JSI) of DFS and MCD (Bldg.) represented by Mr. Chetan Singhal (JE/Bldg), & Mr. N.S. Meena (AE/Bldg), MCD & Mr. Sajan. M. George (Director) from building side and found that the premises/building **Two Blocks :(Tower 1- Basement + Ground + 07 upper floors & Tower II- Basement + Ground + 08 upper floors)** is fit for occupancy of **Group B "Educational Building"** (Vocation Training Centre) with effect from **15/07/2024** 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.....**15/07/2024** at New Delhi by.

(Atul Garg)
Director
Delhi Fire Service

Copy to:-

1. The Executive Engineer (Building), MCD, Jal Vihar, Lajpat Nagar, New Delhi-24.
2. The Owner/Occupier, M/s Bosco Technical Training Society, located at Okhla Road, New Delhi-25.

Conditions for the validity of Fire Safety Certificate:-

1. **This Fire Safety Certificate is valid for Tower-I & II only.**
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
3. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
4. The trained fire fighting staff should be available round the clock.
5. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
6. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
7. 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.
8. Basement shall be used as per NBC/UBBL.
9. 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. Any change in the occupancy shall be intimated to this Deptt. and approval shall be obtained thereto before occupancy of the same

2/3

INSPECTION REPORT

1	Name & address of the building	M/s Bosco Technical Training Society located at Okhla Road, New Delhi-25.			
2	Building is comprised of	Comprised of Two Blocks: -Tower I- Basement + Ground + 07 upper floors -Tower II- Basement + Ground + 08 upper floors			
3	Type of occupancy	Group B –Educational Building (Vocation Training Centre)			
4	Type of case	New case			
5	Details of previous FSC	Nil			
6	Fire safety direction letter no.	F6/DFS/MS/BP/2018/21 dated 15.01.2018			
7	Date of inspection	09.07.2024			
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. Chetan Singhal (JE/Bldg), & Mr. N.S. Meena (AE/Bldg), MCD & Mr. Sajan. M. George (Director) from building side			
10	Year of construction	2018			
11	Applicant's letter no.	JSI Online ID no. 10045037			
S. No	Minimum standard of Fire Prevention and Fire Safety U/R 33	Requirements as per guidelines	Provide at site	Remarks MR/NMR	
1	Access to Building				
	A	Road width	12.0 mtrs	Provided	MR
	B	Gate width	6.0 mtrs	Provided	MR
	C	Width of internal roads	6.0 mtrs	Provided	MR
2	Number, Width, Type & Arrangement of Exits				
	A	No. of staircase:			
		a) Upper floor	02 nos. each block	Provided	MR
		b) Basements	02 nos. each block	02 nos. each block 1 ramp for T-II block	MR
	B	Width of the staircase:			
		a) Upper floors	2.0 mtrs each block	2.0 mtrs each	MR
		B) Basements	2.0 mtrs each block	2.0 mtrs each block Ramp- 3.65 m for T-II block	MR
	C	Protection of Exits			
		a) Fire check door	Required	Provided	MR
		b) Pressurization	NA	NA	NA
	D	No. of continuous staircase to terrace:	2 nos.	Provided	MR
	E	Width of the corridor	1.50 m	2.4 mtrs	MR
	F	Door size	1.0 m for class room	Provided	MR
3	Compartmentation:				
	A	Fire check door	Required	Provided	MR
	B	Sealing of horizontal & vertical opening	Required	Provided	MR
	C	Fire rating of shaft doors	2 hours	Provided	MR
	D	Water curtain	Required	Provided	MR
	E	Fire dampers	NA	NA	NA
4	Smoke Management System:				
	A	Basements	Required	Provided	MR
	B	Upper floors	Required	Provided	MR
5	Fire Extinguishers				
	A	Total numbers	130 nos.	Provided.	MR
	B	Types	CO ₂ , ABC	CO ₂ , ABC	MR
	C	ISI marking	ISI marked	Provided	MR

6	First Aid Hose Reel				
	A	Total no. at each floor	3 nos. each block	3 nos. each block	MR
	B	Length of hose reel	30 m each block	30 m each block	MR
	C	Nozzle diameter	5 mm each block	5 mm each block	MR
7	Automatic Fire Detection and Alarm System (ADAS)				
	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 power source	NA	NA	NA
	E	Hooter's location	NA	NA	NA
8	MOEFA		Required	Provided	MR
9	Public Address System		Required	Provided	MR
10	Automatic Sprinkler System				
	A	Basement	Required	Provided	MR
	B	Upper floor	Required	Provided	MR
	C	Sprinklers above false ceiling	NA	NA	NA
11	Internal Hydrants				
	A	Size of the riser/down comer	100 mm each block	Provided	MR
	B	No. of hydrants per floor	3 nos. each block	Provided	MR
	C	Hose box	3 nos. each block	Provided	MR
12	Yard Hydrants				
	A	Total no. of hydrants	Required	04 nos.	MR
	B	Hose box	Required	04 nos.	MR
13	Pumping Arrangements (Common Pump Room)				
	A	Ground Level			
		a) Discharge & head of main pump	Hydrant, Sprinkler (H &S): 2850 & 70 m each Water curtain (WC): 1 no. of 2850 LPM & 45 m	Provided	MR
		b) Number of main pump	2 nos.	Provided	MR
		c) Discharge & head of jockey pump	2 nos. of 180 LPM & 70 m each	Provided	MR
		d) Discharge & head of Standby pump	2850 LPM & 70 m	Provided	MR
		e) Auto starting/ manual stopping	Required	Provided	MR
	B	Terrace Level			
		a) Discharge of terrace pump	NA	900LPM provided in Tower - II	NA
		b) Head of terrace pump	NA	NA	NA
		c) Alternate power supply	NA	NA	NA
		d) Auto starting of pump	NA	NA	NA
14	Captive Water Storage for Fire Fighting (Common fire tank)				
	A	Underground tank capacity	3,80,000 liters	400 KL at ground	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	5,000 liters each block	20 KL in each Tower	MR
15	Exit Signage		Required	Provided	MR
16	Provision of Lift				
	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	Provided	MR

18 Refuge Area				
A	location	NA	Balconies available at all floors in both Towers	NA
B	Total area	NA	NA	NA
19 Fire Control Room		Required	Provided	
A	Fire Detection System panel	Required	Provided	MR
B	Flow switch panel	Required	Provided	MR
C	P A system panel	Required	Provided	MR
D	Battery backup	Required	Provided	MR
E	Building floor plan	Required	Provided	MR
20 Special Fire Protection for special risk if any				
L E G	A	Special Fire Protection system for Protection of Special Risk, if any:	NA	NA

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

Note:- 2 sets of pumps each set having three electric pumps (1 hydrant system, 1 for sprinkler system & 1 for water curtain system) of 2850 LPM each with 2 jockey pump of 180 LPM and 01 DG pump of 2850 LPM has been recommended in the guidelines for common pump room of the entire project comprised of 15 buildings. Out of these 15 building only 2 building namely Tower - I & Tower - II have been constructed. The management has provided 400 KL ground water tank and 1 set of pumps with 2 jockey pumps of 180 LPM and 1 DG pump of 2850 LPM which is enough to meet the requirements of Tower - I & Tower - II considered in this inspection.

The fire protection systems provided in the building were tested checked and found properly functional at the time

If agreed to the note above & 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.

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

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

CFO *Vindri*
 Director *[Signature]*
 Director (DSE) *[Signature]*
 15/07/24

DO/S
Ann (M.R)
Manoj
 14/7/24