



No.F6/DFS/MS/Mixed/SZ/2023/College/28

Dated: 06/11/2023

FIRE SAFETY CERTIFICATE

Certified that the **Rajkumari Amrit Kaur College of Nursing** located at **Lajpat Nagar, New Delhi-24**, comprised of Two Blocks: **Academic Block- Ground + 6 upper floors & Hostel Cum Auditorium Block- Basement + Ground + 6 upper floors**, owned & occupied by **Rajkumari Amrit Kaur College of Nursing** has 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 Delhi Fire Service on 31.10.2023 in Joint Site Inspection (JSI) of DFS and MCD (Bldg.) represented by Mr. Amit Kumar Sharma, JE (Bldg. MCD) in presence of Mr. Sanju Shukla (Director) from building side and found that the premises/building comprised of Two Blocks (**Academic Block- Ground + 6 upper floors & Hostel Cum Auditorium Block- Basement + Ground + 6 upper floors**) is fit for occupancy of Mixed occupancy (**Educational & Assembly + Residential Building**) with effect from ...06.11.2023 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 on06/11/2023.....at New Delhi by


(Atul Garg)
Director

Delhi Fire Service

Copy to:-

1. The Executive Engineer (Building), South DMC, Jal Vihar, Lajpat Nagar, New Delhi-24.
2. The Authorized Signatory, Rajkumari Amrit Kaur College of Nursing located at Lajpat Nagar, New Delhi-24.

Conditions for the validity of Fire Safety Certificate

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
6. 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
7. 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".
8. Basement shall be used as per NBC/UBBL-2016.
9. Any change in the occupancy shall be intimated to this Deptt. and approval shall be obtained thereto before occupancy of the same.

INSPECTION REPORT

1	Name & address of the building	Rajkumari Amrit Kaur College of Nursing located at Lajpat Nagar, New Delhi-24.		
2	Building is comprised of	Academic Block- Ground + 6 upper floors Hostel Cum Auditorium Block- Basement + Ground + 6 upper floors		
3	Type of occupancy	Basement for building utility services only Academic Block- Educational Building Hostel Cum Auditorium Block - Assembly + Residential Building		
4	Type of case	New Case		
5	Details of previous FSC	Nil		
6	Fire safety directives letter no.	F6/DFS/MS/BP/2021/13 dated 07.01.2021		
7	Date of inspection	31.10.2023		
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. Amit Kumar Sharma, JE (Bldg. MCD) & Mr. Sanju Shukla (Director) from building side		
10	Year of construction	2021		
11	Applicant's letter no.	Online ID no. 10111819 for Academic Block Online ID no. 10111820 for Hostel Cum Auditorium Block		
S. No	Minimum standard of Fire Prevention and Fire Safety U/R 33	Requirements (as per issued Fire Safety Directives)	Provide at site	Remarks MR/NMR
1	Access to Building			
A	Road width	9.0 mtrs	30.0 mtrs approx	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	-Academic Block- 2 nos. -Hostel Cum Auditorium Block- 2 nos.	-Academic Block- 2 nos. -Hostel Cum Auditorium Block- 3 nos.	MR
b)	Basements (basement only Hostel Cum Auditorium Block)	02 nos.	02 nos.	MR
B	Width of the staircase:			
a)	Upper floors	-Academic Block- 1.50 m -Hostel Cum Auditorium Block- 1.50 m	Academic Block- 1.80 1.70 m Hostel Cum Auditorium Block- 1.50 each	MR
b)	Basements	1.50 m each	Provided	MR
C	Protection of Exits			
a)	Fire check door	Required	Provided	MR
b)	Pressurization	Required in fire tower	Provided	MR
D	No. of continuous staircase to terrace:	02 nos. each block	Provided	MR
E	Width of the corridor	NA	NA	NA
F	Door size	-Auditorium - 2.0 m x 2 nos. - Academic & Hostel - 1.50 m	-Auditorium (2.0 m, 2.0 m, 1.80 m & 1.80 m) - Academic & Hostel 1.50 m (final exits)	MR
3	Compartmentation:			
A	Fire Check doors	Required	Provided	MR
B	Sealing of horizontal & vertical opening	Required	Provided	MR
C	Fire rating of shaft doors	-2 hours -Auditorium FCD- 4 hours	-Provided -Auditorium segregated from Hostel by masonry brick wall	MR
D	Water curtain	NA	NA	NA
E	Fire dampers	NA	NA	NA
4	Smoke Management System:			
A	Basements	12 ACPH	Provided	MR
B	Upper floors	12 ACPH	-Provided in Academic block - Hostel block is naturally ventilated	MR
5	Fire Extinguishers			
A	Total numbers	70 nos.	70 nos.	MR
B	Types	CO ₂ , ABC	CO ₂ , ABC	MR
C	ISI marking	Required	Provided	MR

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6	First Aid Hose Reel			
A	Total no. at each floor	Academic Block- 2 nos. Hostel Cum Auditorium Block- 2 nos.	-Provided -Extra 3 nos. hose reels & 1 internal hydrant in auditorium provided	MR
B	Length of hose reel	30 mtrs	Provided	MR
C	Nozzle diameter	5 mm	5 mm	MR
7	Automatic Fire Detection and Alarm System (ADAS)			
A	Type of detectors	-Smoke & heat detector required in basement (Hostel block)	-Provided at Academic block - Beam detector provided in auditorium - Basement (Hostel block)	MR
B	Location of main Panel	At Ground floor	Provided	MR
C	Location of repeater panel	NA	NA	NA
D	Alternate power source	NA	NA	NA
E	Hooter's location	Should be audible in entire building	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	Required	Provided	MR
10	Automatic Sprinkler System			
A	Basement	Required in Basement & Auditorium block	-Provided in entire academic block, Auditorium & basement of the hostel block	MR
B	Upper floor	NA	Academic Block	NA
C	Sprinklers above false ceiling	NA	NA	NA
11	Internal Hydrants			
A	Size of the riser/down comer	150 mm	150 mm	MR
B	No. of hydrants per floor	Academic Block- 2 nos. Hostel Cum Auditorium Block- 2 nos.	Academic Block- 2 nos. Hostel Cum Auditorium Block- 3 nos.	MR
C	Hose box	Academic Block- 2 nos. Hostel Cum Auditorium Block- 2 nos.	Academic Block- 2 nos. Hostel Cum Auditorium Block- 3 nos.	MR
12	Yard Hydrants			
A	Total no. of hydrants	Required	10 nos.	MR
B	Hose box	Required	10nos.	MR
13	Pumping Arrangements			
A	Ground Level	Common fire pump for both blocks		
	a) Discharge & head of main pump	2280 LPM & 65 m & Sprinkler pump-2280 LPM & 65	Provided	MR
	b) Number of main pump	2 nos.	1 no. main pump 1 no. sprinkler pump	MR
	c) Discharge & head of jockey pump	2 nos. of 180 LPM & 65 m	Provided	MR
	d) Discharge & head of Standby pump	2280 LPM & 65 m	Provided	MR
	e) Auto starting/ manual stopping	Required	Provided	MR
B	Terrace Level			
	a) Discharge of terrace pump	NA	450 LPM each block	NA
	b) Head of terrace pump	NA	40 m each	NA
	c) Alternate power supply	NA	Provided	NA
	d) Auto starting of pump	NA	Provided	NA
14	Captive Water Storage for Fire Fighting			
A	Underground tank capacity	2,00,000 Ltrs	Provided	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	Academic Block- 15,000 ltrs Hostel Cum Auditorium Block- 10,000 ltrs	MR
15	Exit Signage	Required	Provided	MR
16	Provision of lift			
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 switch	Required	Provided	MR
E	Lift signage	Required	Provided	MR
17	Standby Power Supply	Required	Provided	MR

18 Refuge Area				
A	location	NA	NA	NA
B	Total area	NA	NA	NA
19 Fire Control Room				
A	Fire Detection System panel	Required	Provided	MR
B	Flow switch panel	NA	NA	NA
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				
A	Special Fire Protection system for Protection of Special Risk, if any:	NA	NA	NA

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

Note:- There is deviation in the sanction building plan as the guidelines had been issued for 2 tier combined basement of Academic Block (Ground + 06 upper floors) & Hostel cum Auditorium Block (Ground + 07 upper floors). However the Joint Site Inspection has been received for seven story building for both the blocks. Now the building composition is

1. Hostel Cum Auditorium Block - Basement + Ground + 06 upper floors (Auditorium at Ground floor only).
2. Academic Block - Ground + 6 upper floors

However fire safety arrangement have been provided as per issued guidelines. All staircases from basement are segregated at ground floor and there is no continuous staircase from basement to upper floor, hence pressurization of these staircases (except fire tower) may be exempted in accordance with table 6 of NBC-IV (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 the note above & 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.

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
2/11/2023
Director

Anytime

is put up for signatures pls

Director (DO)
3/11/23

03/11/23

myc