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## GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI HEAD QUARTERS: DELHI FIRE SERVICE, CONNAUGHT PLACE NEW DELHI

No. F6/DFS/MS/School/WZ/2022/ 13/8

Dated: | > / 2/2022

#### FIRE SAFETY CERTIFICATE

School, Located at Kailash Enclave, Saraswati Vihar, Delhi-110034 comprised of Ground + 03 Upper Floors owned/ occupied by Govt. Co-Ed. Sarvodaya Vidhlaya School, 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 Fire Service on 04.02.2022 in the presence of Ms. Neera Nashier (H.O.S) & Sh. Santosh Rai (Representative) and that the building/premises is fit for occupancy class "Educational Building" Group B with effect from 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.

Aful Gar

### Copy to:-

- The Director, Directorate of Education, GNCT of Delhi, Old Secretariat Delhi 110054
- 2. The Assistant Engineer (E), PWD Sub Division 2, Edu. Elect. Edn. 1 Div (N), Sector 16, Rohini, Delhi-110089.
- 3. The Principal, Govt. Co-Ed. Sarvodaya Vidhlaya School, Located at Kailash Enclave, Saraswati Vihar, Delhi-110034.

# Following fire safety directives must be adhered to:-

- 1. All the means of escape shall be kept free of all 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 if fire safety measures, management shall be responsible.
- 4. Any deviation, with regards to construction, ventilation, occupation, electric installation etc. may be got verified from the concerned authorities.
- 5. The Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction / unauthorized use of land if any.
- 6. All comments / directions of licensing Department shall always be permitted and followed
- 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 <a href="https://www.dfs.delhigovt.nic.in">www.dfs.delhigovt.nic.in</a>
- 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 copy of the certificate, six months prior to its expiry.

### 4/24

#### **INSPECTION REPORT**

 Name & address of the building: Govt. Co-ed. Sarvodaya Vidyalaya School Located at Kailash Enclave, Saraswati Vihar, Delhi-110034.

2. Type of Occupancy : Educational

3. Type of Case : New Building Block (G + 03 Upper Floors)

4. Details of previous NOC : F6/DFS/MS/School/WZ/2021/622 dated

19.08.2021 (For Old Building)

5. Fire Safety directives Letter No. : as per UBBL/NBC Part-IV

6. Date of inspection : 04.02.2022

7. Name of the Inspecting Officer : S.P. Bhardwaj, Divisional Officer

8. Name and designation of Officer

from the building side : Ms. Neera Nashier (H.O.S)

Sh. Santosh Rai (Representative)

9. Year of Construction : 2021-22

10. Applicant's letter No. : email dated 01.02.2022

	• •	. cman dated 01.02.2022					
S	Minimum standards on fire	UBBL/NBC	Provided at	Remarks			
No	prevention and fire safety U/R 33	Requirement	site	MR/NMR			
1.	Access of building						
	<ul> <li>Road width</li> </ul>	06 mtrs.	Provided	MR			
	<ul> <li>Gate width</li> </ul>	4.5 mtrs.	Provided	MR			
	<ul> <li>Width of internal road</li> </ul>	NA	NA	NA			
2.	Number, width, Type & Arrangements of exits						
	a. Number of staircases						
	<ul> <li>Upper floors</li> </ul>	04	04 & 01 ramp	MR			
	<ul> <li>Basements</li> </ul>	NA	NA	NA			
	b. Width of staircases						
	<ul> <li>Upper floors</li> </ul>	1.5 mtrs.	Provided	MR			
	<ul> <li>Basements</li> </ul>	NA	NA	NA			
	c. Protection of exits			27.4			
	<ul> <li>Fire check door</li> </ul>	NA	NA	NA			
	<ul> <li>Pressurization</li> </ul>	NA	NA	NA			
	d. No of continuous staircase	04	Provided	MR			
	to terrace	1.5 mtrs.	Provided	MR			
	e. Width Of Corridor	1.2 mtrs.	Provided	MR			
	f. Door Size	1.2 11113.	Tiovided	17110			
3.	Compartmentation	NA	NA	NA			
	• Fire check door						
	<ul> <li>Sealing of electrical shafts</li> </ul>	NA	NA	NA			
	<ul> <li>Fire Rating of shaft door</li> </ul>	NA	NA	NA			
	<ul> <li>Water Curtain</li> </ul>	NA	NA	NA			
	<ul> <li>Fire Dampers</li> </ul>	NA	NA	NA			
١.	Smoke managements System						
	Basements	NA	NA	NA			
	Upper floors	NA	NA	NA			
	Fire Extinguishers						
·	Total numbers	36 nos.	Provided	MR			
	• Types	ABC & CO <sub>2</sub>	Provided	MR			
	<ul><li>Types</li><li>IS marking</li></ul>	ISI marked	Provided	MR			
	First – Aid Hose Reels						
	m 1 1 march floor	05	Provided	MR			
	Total numbers on each floor  Length of bose reel bose	30m	Provided	MR			
	<ul><li>Length of hose reel hose</li><li>Nozzle diameter</li></ul>	5mm	Provided	MR			
	• Nozzle diameter		1	_			

Type of detectors	7	14-13					
Virgie of tectors	7. Automatic fire detection and alarming system	n NA	NA	NA			
Location of Repeater Panel   NA							
Alternate source of power   NA							
Name							
MOEFA   NA							
Public Address System							
Basements							
Basements   NA NA NA NA NA NA		NA	NA	NA			
Upper Floor	Automatic Sprinkler System						
Sprinkler above false ceiling	<ul> <li>Basements</li> </ul>	NA	NA				
Internal Hydrants:   Size of riser/down-comer   NA	Upper Floor	NA	NA	NA			
Internal Hydrants:   Size of riser/down-comer   NA	<ul> <li>Sprinkler above false ceiling</li> </ul>	NA	NA	NA			
Size of riser/down-comer Number of hydrants per floor Hose Box NA N	1. Internal Hydrants:						
Number of hydrants per floor		NA	NA	NA			
Provided   Provided   Provided   MR   Required   Provided   MR   NA   NA   NA   NA   NA   NA   NA   N							
2. Yard Hydrants              • Total number of hydrants             • Hose Box              • Hose Box							
• Total number of hydrants		IVA	IVA	1471			
Hose Box		NIA I	NIA	NIA			
3. Pumping Arrangements:  • Ground Level • Discharge of main pump > Head of main pump > NA NA NA NA > Number of main pumps > Jockey pump out put > Jockey pump head > Standby Pump out put > Standby Pump dead > Auto Staring/Manual stopping > Pump House Access • Terrace level > Discharge of pump > Head of main pumps     NA NA NA NA     NA NA NA     NA NA NA     NA NA NA     NA NA NA     NA NA NA     NA NA NA     NA NA     NA NA     NA NA     NA NA     NA     NA NA     N							
• Ground Level • Discharge of main pump > Head of main pump > NA NA NA > NA NA NA > NA NA NA > Jockey pump out put > Jockey pump head > Standby Pump Head > Auto Staring/Manual stopping > Pump House Access • Terrace level > Discharge of pump > Head of the pump > Power supply > Auto starting of pump > Power supply > Auto starting of pump  4. Captive water Storage for fire fighting: • Under ground tank capacity > Draw off connection > Fire service inlet > Access to tank • Overhead Tank capacity  5 Exit Signage 6. Provision of Lifts > Pressurization of Lift Shaft > Primenn's Grounding Switch > Lift Signage  > Total area > Location  > Detector system panel > Pastery backup > Building Floor Plans  0. Special Fire Protection Systems for Protection of special Risks, if any;		NA	NA	ΝA			
Discharge of main pump Head of main pump Number of main pump Number of main pumps Jockey pump out put Jockey pump head Standby Pump out put Standby Pump Head Auto Staring/Manual stopping Pump House Access Terrace level Discharge of pump Head of the pump Fower supply Auto starting of pump Fore supply Auto starting of pump Fore supply Auto starting of pump Fower supply Auto starting of pump Fore supply F							
Head of main pump							
Number of main pumps  Number of main pumps  Jockey pump out put  Jockey pump head  Standby Pump out put  Na NA NA  NA							
Jockey pump out put   NA		NA	NA	NA			
Standby Pump out put   NA		NA	NA	NA			
Standby Pump out put   NA	Jockey pump out put			NA			
Standby Pump Head Standby Pump Head Auto Staring/Manual stopping Pump House Access Terrace level Discharge of pump Head of the pump Power supply Auto starting of pump Power supply Auto starting of pump  4. Captive water Storage for fire fighting:  Under ground tank capacity Draw off connection Fire service inlet Access to tank Overhead Tank capacity Pressurization of Lifts Pressurization of Lift Shaft Pressurization of lift lobby Communication in lift Car Fireman's Grounding Switch Lift Signage Total area Control room Potection of Special Risks, if any; Protection of special Risks, if any;  NA N	Jockey pump head			NA			
Standby Pump Head Auto Staring/Manual stopping Pump House Access Terrace level Discharge of pump Head of the pump Auto starting of pump Under ground tank capacity Draw off connection Fire service inlet Access to tank Overhead Tank capacity Fessurization of Lift Shaft Pressurization of Lift Shaft Pressurization of Lift Shaft Pressurization of lift lobby Communication in lift Car Fireman's Grounding Switch Lift Signage Total area Total area Total area Total area Description Detector system panel Detector of special Risks, if any; Protection of Special Risks, if any; Provided Canos.) MR NA N							
Auto Staring/Manual stopping Pump House Access Terrace level Discharge of pump Head of the pump Auto starting of pump Head of the pump Power supply Auto starting of pump Head of the pump Power supply Auto starting of pump Head of the pump Power supply Auto starting of pump Head of the pump Power supply Auto starting of pump Head of the pump Power supply Auto starting of pump Head of the pump Provided MR Required Provided MR NA							
Pump House Access Terrace level Discharge of pump Head of the pump Head of the pump Output Starting of pump Head of the pump Auto starting of pump  Under ground tank capacity Discharge of ref fighting:  Under ground tank capacity Draw off connection Fire service inlet Access to tank Overhead Tank capacity Provision of Lifts Pressurization of Lift Shaft Pressurization of lift lobby Communication in lift Car Fireman's Grounding Switch Lift Signage Required Provided MR NA							
• Terrace level							
→ Discharge of pump       450 lpm       Provided (2 nos.)       MR         → Power supply       Auto starting of pump       40Mtr       Provided       MR         ← Lopive water Storage for fire fighting:       Required       Provided       MR         ← Under ground tank capacity       NA       NA       NA         → Draw off connection       NA       NA       NA         → Draw off connection       NA       NA       NA         NA       NA       NA       NA         → Price service inlet       NA       NA       NA         NA       NA       NA       NA         → Access to tank       NA       NA       NA         → Overhead Tank capacity       10,000Ltr       20,000 Ltrs.       MR         5 Exit Signage       Required       Provided       MR         6. Provision of Lifts       Not yet installed       NA       NA         → Pressurization of lift lobby       NA       NA       NA         → Pressurization of lift lobby       NA       NA       NA         → Fireman's Grounding Switch       NA       NA       NA         → Fireman's Grounding Switch       NA       NA       NA         NA       N	_	INA	INA	INA			
→ Head of the pump       → Power supply       40Mtr       Provided       MR         → Power supply       Auto starting of pump       Required       Provided       MR         4. Captive water Storage for fire fighting:       • Under ground tank capacity       NA       NA       NA         → Draw off connection       NA       NA       NA       NA         → Draw off connection       NA       NA       NA         → Pire service inlet       NA       NA       NA         → Access to tank       NA       NA       NA         → Overhead Tank capacity       10,000Lir       20,000 Ltrs.       MR         5 Exit Signage       Required       Provided       MR         6. Provision of Lifts       NA       NA       NA         NA       NA       NA       NA         NA <td></td> <td>450 1</td> <td>Ddd (2 )</td> <td>MD</td>		450 1	Ddd (2 )	MD			
Power supply Auto starting of pump  Auto starting of pump  4. Captive water Storage for fire fighting:  ■ Under ground tank capacity Provided NA Parw off connection Prire service inlet NA							
Auto starting of pump  Auto starting of pump  Required Provided MR  Required Provided MR  4. Captive water Storage for fire fighting:  • Under ground tank capacity  > Draw off connection  > Fire service inlet  > Access to tank  • Overhead Tank capacity  5 Exit Signage    Required Provided MR    NA							
4. Captive water Storage for fire fighting:  • Under ground tank capacity  > Draw off connection  > Fire service inlet  > Access to tank  • Overhead Tank capacity    NA							
● Under ground tank capacity  Draw off connection  Fire service inlet  Access to tank  Overhead Tank capacity  Pressurization of Lifts  Pressurization of Lift Shaft  Pressurization of lift lobby  Communication in lift Car  Fireman's Grounding Switch  Lift Signage  7. Standby power supply  Refuge Area  Detector system panel  Flow Switch Panel  PA System Panel  Detection of special Risks, if any;  Provess to tank  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	<u> </u>	Required	Provided	MR			
Draw off connection       NA       NA       NA         Fire service inlet       NA       NA       NA         Access to tank       NA       NA       NA         Overhead Tank capacity       10,000Ltr       20,000 Ltrs.       MR         Exit Signage       Required       Provided       MR         Provision of Lifts       Not yet installed         Pressurization of lift Shaft       NA       NA       NA         Pressurization of lift lobby       NA       NA       NA         Pressurization of lift Car       NA       NA       NA         Pressurization of lift Car       NA       NA       NA         NA       NA       NA       NA							
Fire service inlet       NA       NA       NA         Access to tank       NA       NA       NA       NA         Overhead Tank capacity       10,000Ltr       20,000 Ltrs.       MR         Exit Signage       Required       Provided       MR         Provision of Lifts       Not yet installed       NA       NA         Pressurization of Lift Shaft       NA       NA       NA         Pressurization of lift lobby       NA       NA       NA         Pressurization of lift Car       NA       NA       NA         Primeman's Grounding Switch       NA       NA       NA         Pireman's Grounding Switch       NA       NA       NA         NA       NA <td></td> <td></td> <td></td> <td></td>							
➤ Access to tank       NA       NA       NA         • Overhead Tank capacity       10,000Lir       20,000 Ltrs.       MR         5 Exit Signage       Required       Provided       MR         6. Provision of Lifts       Not yet installed                 ➤ Pressurization of Lift Shaft       NA       NA       NA         ➤ Pressurization of lift lobby       NA       NA       NA         ➤ Communication in lift Car       NA       NA       NA         ➤ Fireman's Grounding Switch       NA       NA       NA         ➤ Lift Signage       NA       NA       NA         7. Standby power supply       NA       NA       NA         8. Refuge Area       NA       NA       NA         ➤ Total area       NA       NA       NA         ➤ Total area       NA       NA       NA         ➤ Detector system panel       NA       NA       NA         ➤ Flow Switch Panel       NA       NA       NA         ➤ PA System Panel       NA       NA       NA         ➤ Battery backup       NA       NA       NA         ➤ Building Floor Plans       NA       NA       NA         O. Special Fire Protectio				NA			
Overhead Tank capacity    10,000Lir   20,000 Ltrs.   MR	Fire service inlet	NA	NA	NA			
Sexit Signage   Required   Provided   MR	Access to tank	NA	NA	NA			
Sexit Signage   Required   Provided   MR	<ul> <li>Overhead Tank capacity</li> </ul>	10,000Ltr	20,000 Ltrs.				
6. Provision of Lifts  Pressurization of Lift Shaft  Pressurization of lift lobby  Communication in lift Car  Fireman's Grounding Switch  Lift Signage  NA  Standby power supply  Refuge Area  Total area  Coation  Detector system panel  Prow Switch Panel  Pastery backup  Building Floor Plans  Not yet installed  NA  NA  NA  NA  NA  NA  NA  NA  NA  N							
Pressurization of Lift Shaft       NA       NA       NA         Pressurization of lift lobby       NA       NA       NA         Communication in lift Car       NA       NA       NA         Fireman's Grounding Switch       NA       NA       NA         Lift Signage       NA       NA       NA         7. Standby power supply       NA       NA       NA         8. Refuge Area       NA       NA       NA         Pactation       NA       NA       NA         NA       NA       NA							
<ul> <li>Pressurization of lift lobby</li> <li>Communication in lift Car</li> <li>Fireman's Grounding Switch</li> <li>Lift Signage</li> <li>NA</li>     &lt;</ul>				NΙΛ			
▶ Communication in lift Car       NA       NA       NA         ▶ Fireman's Grounding Switch       NA       NA       NA         ▶ Lift Signage       NA       NA       NA         7. Standby power supply       NA       NA       NA         8. Refuge Area       NA       NA       NA         ▶ Total area       NA       NA       NA         ▶ Location       NA       NA       NA         9. Fire control room       NA       NA       NA         NA       NA       NA       NA							
Fireman's Grounding Switch       NA       NA       NA         ✓ Lift Signage       NA       NA       NA         ✓ Standby power supply       NA       NA       NA         ✓ Total area       NA       NA       NA         ✓ Total area       NA       NA       NA         ✓ Location       NA       NA       NA         Ø. Fire control room       NA       NA       NA         ✓ Detector system panel       NA       NA       NA         ✓ Flow Switch Panel       NA       NA       NA         ✓ PA System Panel       NA       NA       NA         ✓ Battery backup       NA       NA       NA         ✓ Building Floor Plans       NA       NA       NA         Ø. Special Fire Protection Systems for Protection of special Risks, if any;       Required       CO₂ type fire ext. near electrical panels							
➤ Lift Signage       NA       NA       NA         7. Standby power supply       NA       NA       NA         8. Refuge Area       NA       NA       NA         A Description       NA       NA       NA         B Location       NA       NA       NA         Detector system panel       NA       NA       NA         Detector system panel       NA       NA       NA         PA System Panel       NA       NA       NA         Battery backup       NA       NA       NA         Building Floor Plans       NA       NA       NA         NA       NA       NA							
7. Standby power supply  8. Refuge Area    Total area							
8. Refuge Area    Total area	► LITT Signage	NA NA	NA	NA			
8. Refuge Area    Total area	7. Standby power supply	NA	NA	NA			
➤ Total area       NA       NA       NA         ➤ Location       NA       NA       NA         P. Fire control room       NA       NA       NA         Detector system panel       NA       NA       NA         ➤ Flow Switch Panel       NA       NA       NA         ➤ PA System Panel       NA       NA       NA         ➤ Battery backup       NA       NA       NA         ➤ Building Floor Plans       NA       NA       NA         NA       NA       NA       NA         Protection of special Risks, if any;       Required       CO₂ type fire ext. near electrical panels	11,						
➤ Location       NA       NA       NA         D. Fire control room       NA       NA       NA         ➤ Detector system panel       NA       NA       NA         ➤ Flow Switch Panel       NA       NA       NA         ➤ PA System Panel       NA       NA       NA         ➤ Battery backup       NA       NA       NA         ➤ Building Floor Plans       NA       NA       NA         NA       NA       NA       NA         NA       NA       NA       NA         Protection of special Risks, if any;       Required       CO₂ type fire ext. near electrical panels			NΔ	NA			
P. Fire control room  Detector system panel Flow Switch Panel PA System Panel Battery backup Building Floor Plans  Special Fire Protection Systems for Protection of special Risks, if any;  Pire control room  NA		NA					
▶ Detector system panel       NA       NA       NA         ▶ Flow Switch Panel       NA       NA       NA         ▶ PA System Panel       NA       NA       NA         ▶ Battery backup       NA       NA       NA         ▶ Building Floor Plans       NA       NA       NA         NA       NA       NA       NA         NA       NA       NA       NA         Protection of special Risks, if any;       Required       CO₂ type fire ext. near electrical panels       MF	> Total area			NI A			
Flow Switch Panel  PA System Panel  Battery backup  Building Floor Plans  Special Fire Protection Systems for Protection of special Risks, if any;  Page 100 NA	<ul><li>Total area</li><li>Location</li></ul>			NA			
➤ PA System Panel       NA       NA       NA         ➤ Battery backup       NA       NA       NA       NA         ➤ Building Floor Plans       NA       NA       NA       NA         NA       NA       NA       NA       NA         Protection of special Risks, if any;       Required near electrical panels       CO₂ type fire ext. near electrical panels	> Total area > Location  9. Fire control room	NA	NA				
Battery backup  Building Floor Plans  NA  NA  NA  NA  NA  NA  NA  NA  NA  N	> Total area > Location  P. Fire control room > Detector system panel	NA NA	NA NA	NA			
▶ Building Floor Plans       NA       NA       NA         0. Special Fire Protection Systems for Protection of special Risks, if any;       Required near electrical panels       CO₂ type fire ext. near electrical panels       MF	> Total area > Location > Fire control room > Detector system panel > Flow Switch Panel	NA NA NA	NA NA NA	NA NA			
➤ Building Floor Plans       NA       NA       NA         0. Special Fire Protection Systems for Protection of special Risks, if any;       Required CO₂ type fire ext. near electrical panels       MF	> Total area > Location  9. Fire control room > Detector system panel > Flow Switch Panel > PA System Panel	NA NA NA	NA NA NA	NA NA			
O. Special Fire Protection Systems for Protection of special Risks, if any;  Required CO <sub>2</sub> type fire ext. near electrical panels	> Total area > Location  9. Fire control room > Detector system panel > Flow Switch Panel > PA System Panel > Battery backup	NA NA NA	NA NA NA	NA NA NA			
Protection of special Risks, if any; near electrical panels	> Total area > Location  9. Fire control room > Detector system panel > Flow Switch Panel > PA System Panel > Battery backup	NA NA NA NA NA	NA NA NA NA NA	NA NA NA			
panels	> Total area > Location 9. Fire control room > Detector system panel > Flow Switch Panel > PA System Panel > Battery backup > Building Floor Plans	NA NA NA NA NA NA	NA NA NA NA NA NA NA	NA NA NA NA			
	> Total area > Location 9. Fire control room > Detector system panel > Flow Switch Panel > PA System Panel > Battery backup > Building Floor Plans 0. Special Fire Protection Systems for	NA NA NA NA NA NA	NA  NA  NA  NA  NA  NA  CO <sub>2</sub> type fire ex	NA NA NA NA			
	> Total area > Location 9. Fire control room > Detector system panel > Flow Switch Panel > PA System Panel > Battery backup > Building Floor Plans 0. Special Fire Protection Systems for	NA NA NA NA NA NA	NA  NA  NA  NA  NA  NA  CO <sub>2</sub> type fire ex  near electrical	NA NA NA NA			

The fire protection systems provided in the building were checked and found functional at the time of inspection.

Keeping in view substantial compliance of the minimum standards on fire prevention and fire safety requirements under the rules, grant of Fire safety Certificate is recommended under rule 35 of the Delhi Fire service Rules 2010 under the DFS Act 2007.

get up for Signate