

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE, NEW DELHI-110 001

No. F6/DFS/MS/School/2013 /w2/552

Dated: 12.07.2013

FIRE SAFETY CERTIFICATE

Certified that the SDM sec. Model School (Name of the Building or premises) located at Block-D, Ranjit Vihar, Chander Vihar, Nilothi Extn., New Delhi-41 comprised of two blocks i.e. ground floor plus two upper floors and ground floor plus one upper floor only with 30 class rooms owned and occupied by SDM sec. Model School was earlier issued FSC by this department vide letter No. F.6/MS/DFS/2007/639 dated 02.03.2007. The premises was re-inspected by the officer concerned of this department on 21.05.2013 in the presence of Smt. Sushma (Principal) and observed that 10 class rooms are only occupied and rest 20 are lying vacant. The fire prevention and fire safety arrangements provided in the premises, found in good working condition. The premises have therefore, deemed complied with the fire prevention and fire safety requirements in accordance with the circular issued by Dte. of Education, Govt. of NCT vide letter no. 262-362 dated 17.01.2005 and that the building/premises is fit for occupancy Educational (Group B) with effect from .....12.07.2013 for a period of 3 (three) years subject to conditions printed below.

Issued on .....12.07.2013... at New Delhi by.

  
(Santokh Singh)  
Chief Fire Officer  
Delhi Fire Service  
Phone:-23414250  
E-mail: cfowz.dlfire@nic.in

Copy to :-

1. Principal, SDM sec. Model School, Block-D, Ranjit Vihar, Chander Vihar, Nilothi Extn., New Delhi-41.
2. The Director of Edu, Gov. of NCT of Delhi, Old Secretariat, Delhi.

Following fire safety directives must be adhered to

1. All the means of escape shall be kept free of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of 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 conditions all the time and any lapse rendering non functional of fire safety measures, management shall be responsible.
4. Any deviation with regards to construction, electrical installation etc. may be got verified from the concerned authorities.
5. This NOC 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](http://www.dfs.delhigovt.nic.in).

Plot Area: 1306 yards<sup>2</sup>, G+2 & G+1 30 class rooms

1. Name & address of the building : S.D.M, Model School (Sec.)
  2. Type of Occupancy : 'D' Block, Rajnit vihar, chander vihar Nilothi Extn, ND-41 Educational (B)
  3. Type of Case : Renewal Case (1) (G+ one upper floor) interconnected (1) (G+2 Two upper floors)
  4. Details of previous NOC : F6/M/S/DFS/2007/639 | Dated 2/3/2007
  5. Fire Safety directives letter No. : DOE circular dated ~~17.01.2005~~ 17.01.2005
  6. Date of inspection : 21/5/13
  7. Name of the Inspecting Officers : Ashok Kr. Jaiswal (A.D.O.)
  8. Name and designation of officers : Smt. Sushma (Principal)
- From the building side
9. Year of Construction : - 2006
  10. Applicant's letter No. : S.D.M/RV/05/13 | Dated 18/5/13

**INSPECTION REPORT**

Point wise fire safety arrangements/equipments are mentioned as under:-

S. No.	Minimum Standards on fire Prevention and fire safety U/R 33	DOE BBL letter Requirement <del>17.01.2005</del>	Provided at site	Remarks MR/NMR
1.	Access to building			
	• Road width	6 Mtr.	Provided	M/R ✓
	• Gate width	Accessible	Provided	M/R ✓
	• Width of internal road	NR	NR	NR ✓
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	Required (Two)	2 at (G+2) 1 at (G+1)	M/R ✓
	• Basement	NA	NA NA	NA ✓
	b. Width of staircases			



<ul style="list-style-type: none"> <li>Upper Floors</li> <li>Basement</li> </ul>	Required (Two) (old case)	130 cm, 10 cm 38 cm	M/R ✓	
	NA	NA	NA ✓	
	c. Protection of exits			
	NR	NR	NR ✓	
	NR	NR	NR ✓	
	d. No. of continuous staircases to terrace	one	Provided	M/R ✓
	e. Width of Corridor	Required (old case) (1.50 Mtr.)	Provided	M/R ✓
f. Door size	Required (1.00 Mtr.)	Provided	M/R ✓	
3. <b>Compartmentation.</b>				
<ul style="list-style-type: none"> <li>Fire check door</li> <li>Sealing of electrical shafts</li> <li>Fire Rating of shaft door</li> <li>Water Curtain</li> <li>Fire Dampers</li> </ul>	NR			
	NR			
	NR			
	NR			
	NR			
4. <b>Smoke Management System.</b>				
<ul style="list-style-type: none"> <li>Basements</li> <li>Upper floor</li> </ul>	NR			
	NR			
5. <b>Fire Extinguishers</b>				
Total numbers	10	Provided	M/R ✓	
Types	ABC = 08 CO <sub>2</sub> = 02	Provided	M/R ✓	
IS marking	ISI marks	Provided	M/R ✓	
6. <b>First-Aid Hose Reels.</b>				

<ul style="list-style-type: none"> <li>Total numbers on each floor</li> <li>Length of hose reel hose</li> <li>Nozzle diameter</li> </ul>	<p>one at each floor</p> <p>30 m</p> <p>5 mm</p>	<p>one at each floor</p> <p>Provided</p> <p>Provided</p>	<p>Provided/MIR ✓</p> <p>Provided (MIR) ✓</p> <p>MIR ✓</p>
<p>7. Automatic fire detection and alarming system.</p>			
<ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooter's Location</li> </ul>	<p style="text-align: center;">NR</p>		
<p>8. MOEFA</p>	<p>Required</p>	<p>Provided</p>	<p>MIR ✓</p>
<p>9. Public Address System.</p>	<p>Required</p>	<p>Provided</p>	<p>MIR ✓</p>
<p>10. Automatic Sprinkler system</p>	<p style="text-align: center;">NR</p>		
<ul style="list-style-type: none"> <li>Basement</li> <li>Upper Floor</li> <li>Sprinkler above false ceiling</li> </ul>	<p style="text-align: center;">NR</p>		
<p>11. Internal Hydrants</p>			
<ul style="list-style-type: none"> <li>Size of riser/down-comer</li> <li>Number of hydrants per floor</li> <li>Hose Box</li> </ul>	<p>4 <del>mm</del> inches (100 mm.)</p> <p>one at each floor</p> <p>Required</p>	<p>Provided</p> <p>Provided</p> <p>Provided</p>	<p>MIR ✓</p> <p>MIR ✓</p> <p>MIR ✓</p>
<p>12. Yard Hydrants.</p>			
<ul style="list-style-type: none"> <li>Total number of hydrants</li> </ul>	<p style="text-align: center;">NR</p>		



13. Pumping Arrangements:

<b>Ground Level</b>			
➤ Discharge of main pump			
➤ Head of Main pump			
➤ Number of main pumps			
➤ Jockey Pump out put			
➤ Jockey pump head			
➤ Standby pump out put			
➤ Standby pump Head			
➤ Auto Starting/Manual stopping			
➤ Pump Hose Access			
<b>Terrace level</b>			
➤ Discharge of pump	450 lpm	Provided	MIR ✓
➤ Head of the pump	40 M.H.	Provided	MIR ✓
➤ Power supply	Required	Provided	MR ✓
➤ Auto Starting of pump	Required	Provided	MR ✓

14. Captive Water Storage for fire fighting.

<b>Underground tank capacity</b>	N/A	NA	NA
➤ Draw-off connection	N/A	NA	NA
➤ Fire service inlet	Required	Provided	MR ✓
➤ Access to tank	N/A	N/A	NA

	➤ Overhead Tank Capacity	Required	30000 lts (old case)	M/R ✓
15	Exit Signage.	Required	Provided	M/R ✓
16.	<b>Provision of Lifts</b>			
	• Pressurization of Lift Shaft			
	• Pressurization of Lift lobby			
	• Communication In lift Car		M/R	
	• Fireman's Grounding Switch			
	• Lift Signage			
17.	Standby power supply	NR		NR ✓
18.	Refuge Area			
	➤ Total Area		NR	
	➤ Location			
19.	<b>Fire Control Room</b>			
	➤ Detector System Panel			
	➤ Flow Switch Panel		NR	
	➤ PA system Panel			
	➤ Batter backup			
	➤ Building Floor plans			
20.	Special Fire Protection Systems for Protection of special Risks, if any:	No	NR	

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The fire protection systems provided in the building were test checked and found functional at the time of inspection. Keeping 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 issue shortcomings as noted at serial number.....

Ak Jaiswal

Signature of the Inspection Officer 21/5/13

Signature of the Inspection Officer

Name (Ashok Kr. Jaiswal)

Name

Designation A.D.O. (JWP)

Designation