

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE, CONNAUGHT PLACE  
NEW DELHI- 110001

No.F.6/DFS/MS/School/2019/NDZ/ 1660

Dated: 21/8/19

**FIRE SAFETY CERTIFICATE**

Certified that the Kendriya Vidyalaya at Khichipur, Delhi-92, owned/occupied by Kendriya Vidyalaya comprised of ground plus three upper floors was issued FSC vide letter no F6/MS/DFS/School/2015/NDZ/249 date 23/02/15. The school building have deemed complied with the fire prevention and fire safety requirements in accordance with the rule 33 of the Delhi Fire Service Rule 2010 and verified by the officer concerned of this department on 27/07/19 in the presence of Mr. Shrivastva (Principal) of the school and found that the school building is fit for occupancy class B 'Educational Building' for with effect from 21/8/19.. for a period of **three** years, conditions printed overleaf.

Issued on.....21/8/19.....at New Delhi by

(Atul Garg)  
Chief Fire Officer

To

The Principal,  
Kendriya Vidyalaya,  
Khichipur, Delhi-92.

Copy to:-

The Executive Engineer (Bldg) HQ,  
EDMC Plot no.419, Udyog Sadan,  
FIE, Patpargang, Delhi-92.

**- Conditions -**

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 good 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. This Fire Safety certificate can not be treated in any case for regularizations 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 Rule 2010. The form is available on [www.dfs.delhigovt.nic.in](http://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(1) of rule 37] along with a copy of this certificate, six months prior to its expiry"

1. Name & address of the building : Kendriya Vidyalaya at Khichipur, Delhi-92.
2. Building is comprised of : Ground+3 upper floors
3. Type of Occupancy : Educational
4. Type of Case : Renewal
5. Details of Previous NOC : F6/DFS/MS/School/2015/NDZ/249 dt-23/02/15
6. Fire Safety direction letter No : F6/DFS/MS/BP/2012/1214 dt-04/04/12
7. Date of Inspection : 27/07/19
8. Name of the Inspecting Officers: : R.K. Yadav ( ADO)
9. Name of the designation of Officer  
from the building side : Mr. Shrivastva (Principal)
10. Year of Construction : 2014 & 2015
11. Applicant's letter No. : F/KVKLN/2019/40 dated 22/06/19

| S. No | Minimum Standards on fire safety requirements as per | Requirement           | Provided at Site | Remarks MR/NMR |
|-------|------------------------------------------------------|-----------------------|------------------|----------------|
| 1.    | Access to building                                   |                       |                  |                |
|       | Road width                                           | 6 m                   | 12 m             | MR             |
|       | Gate width                                           | 6 m                   | 6 m              | MR             |
|       | Width of internal road                               | N.A                   | N.A              | N.A            |
| 2.    | Number, Width, Type and Arrangement of Exits         |                       |                  |                |
|       | a. Number of Staircases                              |                       |                  |                |
|       | • Upper Floor                                        | 5 no.                 | 5 No.+1 ramp     | MR             |
|       | • Basement                                           | N.A                   | N.A              | N.A            |
|       | b. Width of Staircases                               |                       |                  |                |
|       | • Upper Floor                                        | 1.5m each             | 1.5m each        | MR             |
|       | • Basement                                           | N.A                   | N.A              | N.A            |
|       | c. Protection of exits                               |                       |                  |                |
|       | • Fire check door                                    | N.A                   | N.A              | N.A            |
|       | • Pressurization                                     | N.A                   | N.A              | N.A            |
|       | d. No. of continuous staircases                      | 5 No.                 | 5 No.            | MR             |
|       | e. Width of Corridor                                 | 1.5m                  | 2.0 m & 2.30 m   | MR             |
|       | f. Door Size                                         | 1 m                   | 1 m              | MR             |
| 3.    | Compartmentation.                                    |                       |                  |                |
|       | Fire check door                                      | N.A                   | N.A              | N.A            |
|       | Sealing of electrical shafts                         | N.A                   | N.A              | N.A            |
|       | Fire rating of shaft door                            | N.A                   | N.A              | N.A            |
|       | Water curtain                                        | N.A                   | N.A              | N.A            |
|       | Fire Dampers                                         | N.A                   | N.A              | N.A            |
| 4.    | Smoke Management System.                             |                       |                  |                |
|       | Basement                                             | N.A                   | N.A              | N.A            |
|       | Upper floor                                          | N.A                   | N.A              | N.A            |
| 5.    | Fire Extinguisher                                    |                       |                  |                |
|       | Total numbers                                        | 30 no.                | 60 no. Provided  | MR             |
|       | Types                                                | CO <sub>2</sub> & ABC | Provided         | MR             |
|       | ISI marking                                          | ISI marked            | Provided         | MR             |



|    |                                               |               |          |     |
|----|-----------------------------------------------|---------------|----------|-----|
| 6  | First-aid-Hose Reels.                         |               |          |     |
|    | Total numbers of each floor                   | 05 no.        | Provided | MR  |
|    | Length of hose reel hose                      | 30 m          | Provided | MR  |
|    | Nozzle diameter                               | 5 mm          | Provided | MR  |
| 7  | Automatic fire detection and alarming system. |               |          |     |
|    | Type of detectors                             | N.A           | N.A      | N.A |
|    | Location of main panel                        | N.A           | N.A      | N.A |
|    | Location of repeater panel                    | N.A           | N.A      | N.A |
|    | Alternate source of power                     | N.A           | N.A      | N.A |
|    | Hooters                                       | N.A           | N.A      | N.A |
| 8  | MOEFA                                         | Required      | Provided | MR  |
| 9  | Public address System.                        | Required      | Provided | MR  |
| 10 | Automatic Sprinkler System.                   |               |          |     |
|    | Basement                                      | N.A           | N.A      | N.A |
|    | upper floor                                   | N.A           | N.A      | N.A |
|    | sprinkler above false ceiling                 | N.A           | N.A      | N.A |
| 11 | Internal Hydrants                             |               |          |     |
|    | size of riser/down-comer                      | N.A           | N.A      | N.A |
|    | Number of hydrants per floor                  | N.A           | N.A      | N.A |
|    | Hose Box                                      | N.A           | N.A      | N.A |
| 12 | Yard Hydrants.                                |               |          |     |
|    | Total number of hydrants                      | N.A           | N.A      | N.A |
|    | Hose Box                                      | N.A           | N.A      | N.A |
| 13 | Pumping Arrangements.                         |               |          |     |
|    | • Ground Level                                | N.A           | N.A      | N.A |
|    | ➤ Discharge of main Pump                      | N.A           | N.A      | N.A |
|    | ➤ Head of Main Pump                           | N.A           | N.A      | N.A |
|    | ➤ Number of main pumps                        | N.A           | N.A      | N.A |
|    | ➤ Jockey pump out put                         | 180 LPM       | 180 LPM  | MR  |
|    | ➤ Jockey pump head                            | 40 M          | 40 M     | MR  |
|    | ➤ Standby pump out put                        | N.A           | N.A      | N.A |
|    | ➤ Standby pump Head                           | N.A           | N.A      | N.A |
|    | ➤ Auto Starting /Manual stopping              | N.A           | N.A      | N.A |
|    | ➤ Pump House Access                           | N.A           | N.A      | N.A |
|    | • Terrace Level                               | 450 LPM       | Provided | MR  |
|    | ➤ Discharge of pump                           | 40 m          | Provided | MR  |
|    | ➤ Head of the Pump                            | Required      | Provided | MR  |
|    | ➤ Power supply                                | Required      | Provided | MR  |
|    | ➤ Auto Starting of pump                       | Required      | Provided | MR  |
| 14 | Captive Water Storage for Fire Fighting.      |               |          |     |
|    | Underground tank capacity                     | N.A           | N.A      | N.A |
|    | Draw-off connection                           | N.A           | N.A      | N.A |
|    | Fire service inlet                            | N.A           | N.A      | N.A |
|    | Access to tank                                | N.A           | N.A      | N.A |
|    | Overhead Tank capacity                        | 10,000 Liters | Provided | MR  |
| 15 | Exit Signage.                                 | Required      | Provided | MR  |

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from the building side : Mr. Shrivastva (Principal)
10. Year of Construction : 2014 & 2015
11. Applicant's letter No. : F/KVKLN/2019/40 dated 22/06/19

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|       | Width of internal road                               | N.A                   | N.A              | N.A            |
| 2.    | Number, Width, Type and Arrangement of Exits         |                       |                  |                |
|       | a. Number of Staircases                              |                       |                  |                |
|       | • Upper Floor                                        | 5 no.                 | 5 No.+1 ramp     | MR             |
|       | • Basement                                           | N.A                   | N.A              | N.A            |
|       | b. Width of Staircases                               |                       |                  |                |
|       | • Upper Floor                                        | 1.5m each             | 1.5m each        | MR             |
|       | • Basement                                           | N.A                   | N.A              | N.A            |
|       | c. Protection of exits                               |                       |                  |                |
|       | • Fire check door                                    | N.A                   | N.A              | N.A            |
|       | • Pressurization                                     | N.A                   | N.A              | N.A            |
|       | d. No. of continuous staircases                      | 5 No.                 | 5 No.            | MR             |
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|       | f. Door Size                                         | 1 m                   | 1 m              | MR             |
| 3.    | Compartmentation.                                    |                       |                  |                |
|       | Fire check door                                      | N.A                   | N.A              | N.A            |
|       | Sealing of electrical shafts                         | N.A                   | N.A              | N.A            |
|       | Fire rating of shaft door                            | N.A                   | N.A              | N.A            |
|       | Water curtain                                        | N.A                   | N.A              | N.A            |
|       | Fire Dampers                                         | N.A                   | N.A              | N.A            |
| 4.    | Smoke Management System.                             |                       |                  |                |
|       | Basement                                             | N.A                   | N.A              | N.A            |
|       | Upper floor                                          | N.A                   | N.A              | N.A            |
| 5.    | Fire Extinguisher                                    |                       |                  |                |
|       | Total numbers                                        | 30 no.                | 60 no. Provided  | MR             |
|       | Types                                                | CO <sub>2</sub> & ABC | Provided         | MR             |
|       | ISI marking                                          | ISI marked            | Provided         | MR             |



|    |                                                                          |          |          |     |
|----|--------------------------------------------------------------------------|----------|----------|-----|
| 16 | Provision of Lifts.                                                      |          |          |     |
|    | Pressurization of Lift Shaft                                             | N.A      | N.A      | N.A |
|    | Pressurization of Lift lobby                                             | N.A      | N.A      | N.A |
|    | Communication in lift car                                                | N.A      | N.A      | N.A |
|    | Firemen's grounding switch                                               | N.A      | N.A      | N.A |
|    | Lift Signage                                                             | N.A      | N.A      | N.A |
| 17 | Standby power supply                                                     | N.A      | N.A      | N.A |
| 18 | Refuge Area.                                                             |          |          |     |
|    | Total area                                                               | N.A      | N.A      | N.A |
|    | Location                                                                 | N.A      | N.A      | N.A |
| 19 | Fire Control Room                                                        |          |          |     |
|    | Detector system panel                                                    | N.A      | N.A      | N.A |
|    | Flow switch panel                                                        | N.A      | N.A      | N.A |
|    | PA system panel                                                          | Required | Provided | MR  |
|    | Batter backup                                                            | N.A      | N.A      | N.A |
|    | Building Floor Plans                                                     | N.A      | N.A      | N.A |
| 20 | Special Fire Protection systems for protection of special Risks, if any: | N.A      | N.A      | N.A |

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

Keeping in view the compliance of the minimum standards on fire prevention and fire safety required under the rules. The FSC issued vide letter no. F6/DFS/MS/School/2015/NDZ/249 dt-23/02/15 renewal under the 35 of the Delhi Fire Service Rule 2010, is recommended.

Signature of the Inspecting Officer  
 Name :- R. K. Yadav  
 Designation :- ADO (LN)

DO(ED)

DY. CPO/MP

C.F.O.

Any LN