

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001

E-mail: gargatul@hotmail.com, Tel:- 011-26189168

No. F6/DFS/MS/School/2016/ 52/811

Dated: 19/05/16

FIRE SAFETY CERTIFICATE

Certified that K.S.K. Academy (Sr. Sec. Public School) located at H-117, Ratiya Marg, Sangam Vihar, New Delhi is comprised of Lower ground, ground plus three upper floors was granted Fire Safety Certificate by this department vide letter No. F.6/DFS/MS/School/2012/4634 dated 14-12-2012 for ground plus three upper floors. The school building was re-inspected by the officer concerned of this department on 12.05.2016 in presence of Mr. O.P. Singh, Principal of the School and found that the school management have complied with the fire prevention and fire safety requirements in accordance with Delhi Fire Service Act 2007 and Delhi Fire Service Rules 2010 and that the school building complex is fit for occupancy class "Educational" with effect from 19/05/16 for a period of **3(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.

Issued on 19/05/16 at New Delhi by


(ATUL GARG)

Dy. CHIEF FIRE OFFICER

Copy to: -

- 1 The Principal, K.S.K. Academy (Sr. Sec. Public School), H-117, Ratiya Marg, Sangam Vihar, New Delhi.
- 2 The Directorate of Education, Old Secretariat, Govt. NCT of Delhi, New Delhi-110006.

Conditions for the validity of fire safety Certificate

1. All the Fire Safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities non-functional shall be the responsibility of the management.
2. Building Sanctioning Authority may verify any deviation with regard to the construction/occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
3. The staff shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
4. The Basement shall be used strictly as per the provisions of Building Bye Laws.
5. 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

INSPECTION REPORT

1. Name & address of the building : K.S.K. Academy (Sr. Sec. Public School), H-117, Ratiya Marg, Sangam Vihar, New Delhi.
2. Type of Occupancy : Educational
3. Type of Case : Renewal and addition of one upper floor
4. Details of previous NOC : F.6/DFS/MS/School/2012/4634 dated 14-12-2012 (ground + 03 upper floors)
5. Fire Safety directives letter No : Delhi Fire Service Act-2007 & Delhi Fire Service Rules- 2010
6. Date of inspection : 12.05.2016
7. Name of the Inspecting Officers : M.K.Chattopadhyay, ADO(M.Rd)
8. Name and designation of officers from the building side : Mr. O.P. Singh, Principal
9. Year of Construction : 1994
10. Applicant's letter No. : nil dated 28.04.2016

K.S.K. Academy (Sr. Sec. Public School) is comprised of Lower ground, Ground and three upper floors.

| S. No. | Minimum Standards on fire prevention and fire safety U/R 33 | NBC Requirement | Provided at site | Remarks MR/NMR |
|--------|---|---------------------------|------------------|----------------|
| 1 | Access to building | | | |
| | • Road width | 06 mts | Provided | MR |
| | • Gate width | 4.5 mts | Provided | MR |
| | • Width of internal road | N/A | N/A | N/A |
| 2 | Number, Width, Type & Arrangement of Exits | | | |
| | a. Number of staircases | ----- | ----- | ----- |
| | • Upper Floors | 02 | 02 | MR |
| | • Basements | N/A | N/A | N/A |
| | b. Width of staircases | ----- | ----- | ----- |
| | • Upper Floors | 1.5 mts or less & 0.75 mt | 1.5 mts each | MR |
| | • Basements | 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 |
| | e. No. of continuous staircases to terrace | 01 | 02 | MR |
| | g. Width of Corridor | 1.5 mts. | Provided. | MR |
| | h. Door Size | 1.0 mt. | Provided | 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 |

| | | | | |
|----|---|---------------------------|---------------|-------|
| | • Fire Dampers | N/A | N/A | N/A |
| 4 | Smoke Management System. | | | |
| | • Basements | 30 a/c per hour | Provided | MR |
| | • Upper floors | 12 a/c per hour | Provided | MR |
| 5 | Fire Extinguishers | | | |
| | • Total numbers | 15 nos. | Provided | MR |
| | • Types | ABC, CO ₂ type | Provided | MR |
| | • IS marking | ISI marked | Provided | MR |
| 6 | First-Aid Hose Reels. | | | |
| | • Total numbers on each floor | 03 | Provided | MR |
| | • Length of hose reel hose | 30 m | Provided | MR |
| | • Nozzle diameter | 5 mm | Provided | MR |
| 7 | Automatic fire detection and alarming system. Not required | | | |
| | • 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' Location | 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 | 100 mm | provided | MR |
| | • Number of hydrants per floor | 03 | Provided (03) | MR |
| | • Hose Box | 03 | Provided (03) | MR |
| 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 | --- | ---- | ----- |
| | ➤ 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 | N/A | N/A | N/A |

| | | | | |
|----|--|-----------------------|--|-------|
| | ➤ 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 | ---- | ----- | ----- |
| | ➤ Discharge of pump | 900 LPM | provided | MR |
| | ➤ Head of the pump | 40 mts | 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 lts | Provided | MR |
| 15 | Exit Signage. | Required | Provided | MR |
| 16 | Provision of Lifts. | Not Applicable | | |
| | • 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 |
| | • Fireman's Grounding Switch | N/A | N/A | N/A |
| | • Lift Signage | N/A | N/A | N/A |
| 17 | Standby power supply | Required | Provided (45 KVA) | MR |
| 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 | N/A | N/A | N/A |
| | • 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: | Required | 02 ABC type fire extinguishers are provided near elect. Panel. | MR |

6

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


All the shortcomings issued by this department vide letter no. F.6/DFS/MS/School/2016/293 dated 01.02.2016 have been rectified by the school management.

The Owner of the school have submitted an height measurement certificate from registered architect that the height of the school building is 14.90 mts.

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 the Directorate of Education circular No. F.16/Estate/CC/Fire Safety/2011/3298 to 3398 dated 01-03-2011.

Accordingly **Fire safety certificate** and **height verification** letter is prepared in the shape of DFA and put up for approval & signature please

Dy. CPO ~~C.D.P. Bhargava~~
16/5/16


13/5/16
Signature of the Inspecting Officer
Name (M.K. CHATTOPADHYAY)
Designation: - Assistant Divisional Officer