

No. F6/DF5/ms/school/2012/2377

Dated : 04/07/12

FIRE SAFETY CERTIFICATE

Certified that the **Govt. Boys Sr. Secondary School** located at **Bawana, Delhi-110039**, comprised of three blocks A, B & C. A-block is consist of ground & one upper floor and B & C blocks consist of ground floor only, have complied with the fire prevention and fire safety requirement in accordance with Directorate of Education Circular No. F.16/Estate/Fire Safety/CC/2011/3298-3398 dated 01.03.2011 and verified by the officer concerned of fire service on 11.06.2012 in the presence of Shri Mukhtiar Singh Deshwal, Principal and that the building/ premises is fit for occupancy class **Educational class** with effect from 04/07/12 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.

Issued on 04/07/12 at New Delhi by


Chief Fire Officer
Delhi Fire Service

oll

Shri Mukhtiar Singh Deshwal, Principal,
Govt. Boys Sr. Secondary School,
Bawana, Delhi-110 039.

Copy to :

The Director,
Dte. Of Education,
Old Sectt., Delhi.

Conditions for the validity of fire safety certificate:-

- All the fire safety means of escape facilities shall be maintained in good conditions at all time. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be responsibility of the management.
- 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.
- The staff shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.

May kindly see the letter No DSIIDC/PD(Education)/2011-12/1059 dated 28.04.2012 received from Project Director (Education) regarding the issue of NOC for Govt. Boys Sr. Secondary School, Bawana, Delhi-110 039 from fire safety point of view. Premises was inspected by the ADO (Bawana) on 11.06.2012 & observed that the building is comprised of three blocks A,B & C and A-Block is ground plus one upper floor only and B & C blocks consist of ground floor only and having plot area 10000 sq/ meter and covered area is 2100 sq. meter.

The point wise compliance Dte. of Education circular No. F.16/Estate/Fire Safety/CC/2011/3298-3398 dated 01.03.2011, are given below:

INSPECTION REPORT

1. Name & address of the building : Govt. Boys Sr. Sec. School, Bawana
2. Type of Occupancy : School (edu.) Three Bkts A-G + FF
B & C - G
3. Type of Case : New Case
4. Details of previous NOC : N.A
5. Fire Safety directives letter No. : F.16/Estate/Fire Safety/CC/2011/3298-3398 Dt. 01.03.11
6. Date of inspection : 11.06.2012
7. Name of the Inspecting Officers : Shri Rajmal Khokhar, ADO
8. Name and designation of officers : Shri Mukhtiar Singh Deshwal
from the building side : Principal
9. Year of Construction : 2000
10. Applicant's letter No. : DSIIDC/PD/Education/2011-12/1059 Dt. 28.4.12

| 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 | <u>Accessible</u> | <u>Accessible</u> | <u>MR</u> |
| | • Gate width | <u>—</u> | <u>—</u> | <u>—</u> |
| | • Width of internal road | <u>—</u> | <u>—</u> | <u>—</u> |
| 2. | Number, Width, Type & Arrangement of Exits | | | |
| | a. Number of staircases | <u>Two ✓</u> | <u>True ✓</u> | <u>MR</u> |
| | • Upper Floors | <u>—</u> | <u>—</u> | <u>—</u> |
| | • Basement | <u>—</u> | <u>—</u> | <u>—</u> |
| | b. Width of staircases | <u>150 cms each</u> | <u>150 cms each</u> | <u>MR</u> |
| | • Upper Floors | <u>—</u> | <u>—</u> | <u>—</u> |
| | • Basement | <u>—</u> | <u>—</u> | <u>—</u> |
| | c. Protection of exits | | | |
| | • Fire check door | <u>—</u> | <u>—</u> | <u>—</u> |
| | • Pressurization | <u>—</u> | <u>—</u> | <u>—</u> |

Director of Edu. circular: dt. 1.3.11

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|----|------------------------------------------------------|--------------------------|--------------------------------------------------------|----|
| | d. No. of continuous staircases to terrace | Two | Two | ml |
| | e. Width of Corridor | 1 1/2 meters | 2 1/2 meters | ml |
| | f. Door size | Double Door 100 cms each | Double Door 100 cms each | ml |
| 3. | Compartmentation. | N A | | |
| | • Fire check door | - | - | - |
| | • Sealing of electrical shafts | - | - | - |
| | • Fire Rating of shaft door | - | - | - |
| | • Water Curtain | - | - | - |
| | • Fire Dampers | - | - | - |
| 4. | Smoke Management System. | N A | | |
| | • Basements | - | - | - |
| | • Upper floors | - | - | - |
| 5. | Fire Extinguishers | | | |
| | • Total numbers | 07 | 35 | ml |
| | • Types | | 15 ABC Type 10 CO ₂ Type 10 Foam Type | ml |
| | • IS marking | ISI marked | ISI Marked | ml |
| 6. | First-Aid Hose Reels. | N A | | |
| | • Total numbers on each floor | - | - | - |
| | • Length of hose reel hose | 30 m | - | - |
| | • Nozzle diameter | 5 mm | - | - |
| 7. | Automatic fire detection and alarming system. | N A | | |
| | • Type of detectors | - | - | - |
| | • Location of Main Panel | - | - | - |
| | • Location of Repeater Panel | - | - | - |
| | • Alternate source of power | - | - | - |
| | • Hooter's Location | - | - | - |
| 8. | MOEFA | - | - | - |

| | | | | |
|-----|-----------------------------------|--|----|--|
| | Public Address System. | | | |
| 10. | Automatic Sprinkler system | | NA | |
| | • Basement | | | |
| | • Upper Floor | | | |
| | • Sprinkler above false ceiling | | | |
| 11. | Internal Hydrants | | NA | |
| | • Size of riser/down-comer | | | |
| | • Number of hydrants per floor | | | |
| | • Hose Box | | | |
| 12. | Yard Hydrants. | | NA | |
| | • Total number of hydrants | | | |
| | • Hose Box | | | |
| 13. | Pumping Arrangements. | | NA | |
| | Ground Level | | | |
| | ➤ 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 | | | |
| | Terrace level | | | |
| | ➤ Discharge of pump | | | |
| | ➤ Head of the pump | | | |
| | ➤ Power supply | | | |
| | ➤ Auto Starting of pump | | | |

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|----|--|
| Captive Water Storage for fire fighting. | | NA | |
| Underground tank capacity ➤ Draw -off connection ➤ Fire service inlet ➤ Access to tank ➤ Overhead Tank Capacity | | | |
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| | | | |
| 15 | Exit Signage. | | |
| 16. | Provision of Lifts | | |
| <ul style="list-style-type: none"> • Pressurization of Lift Shaft • Pressurization of Lift lobby • Communication In lift Car • Fireman's Grounding Switch • Lift Signage | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| 17. | Standby power supply | | |
| 18. | Refuge Area | | |
| <ul style="list-style-type: none"> ➤ Total Area ➤ Location | | | |
| | | | |
| 19. | Fire Control Room | | |
| <ul style="list-style-type: none"> ➤ Detector System Panel ➤ Flow Switch Panel ➤ PA system Panel ➤ Batter backup ➤ Building Floor plans | | | |
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| 20. | Special Fire Protection Systems for Protection of special Risks, if any: | | |
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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
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Signature of the Inspection Officer

Signature of the Inspection Officer

Name RAJ MALKHOKHAR

Name

Designation A-50

Disignation

50 (A-50)

CFo-II

21/6/12