

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

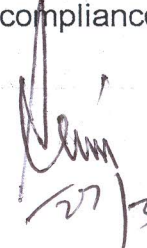
NO. F6/DFS/MS/School/2014/SZ/ 359

DATED: 27/03/14

FIRE SAFETY CERTIFICATE

Certified that the Modern International School at Sector-19, Dwarka Phase-I, New Delhi-110075, comprised of ground plus three upper floors with basement owned / occupied by Modern International School was granted NOC by the department (for Ground plus one upper floor with basement) vide letter No. F6/DFS/MS/2007/838 Dated 22.03.2007 have complied with the fire prevention and fire safety requirements in accordance circular No. Estate/CC/FireSafety/2011/3298 Dtd. 01.03.2011 issued by Directorate of Education GNCT of Delhi and verified by the officer concerned of Fire Service on 15.03.2014 in presence of Sh. B.N.Nigam (Chairman) of the school, is fit for occupancy class B "Educational building"(Ground+three upper floors with basement) with effect from27/03/14...for a period of **three years** in accordance with the 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 27/03/14.....at New Delhi b


(Dr. G.C. Misra)
Chief Fire Officer
Delhi Fire Service
Ph: -011-23414333

Copy to,

1. The Dy. Director, (Education), G.N.C.T..of Delhi, Old Secretariat, N. Delhi-54.
2. The Chairman, Modern International School, Sec-19, Dwarka, New Delhi-75.

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 rendering 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 staffs 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 Rules-2010. The form is available on www.dfs.delhigovt.nic.in.

INSPECTION REPORT

| 1 | Name & address of the building | Modern International School, Sector-19, Dwarka Phase-1 N.D. | | |
|----------|---|--|---|------------------|
| 2 | Type of Occupancy | Educational Building "B" | | |
| 3 | Type of case | Old | | |
| 4 | Details of previous NOC | F6/DFS/MS/2007/838 Dated 22.03.2007 | | |
| 5 | Fire safety directives letter No | Directorate of Education GNCT of Delhi Letter No: Estate/CC/Fire Safety/2011/3298 Dated 1.3.2011 | | |
| 6 | Date of inspection | 15.03.2014 | | |
| 7 | Name of the inspecting Officers : | DO(SW) Sanjay Kumar Tomar & S.P. Bhardwaj ADO(DWK) | | |
| 8 | Name and designation of officers from the building side | Sh. B.N.Nigam (Chairman) | | |
| 9 | Year of construction | 2006, 2010 | | |
| 10 | Applicant's letter No. | MIS/DFS/11-02-2014/425 Dated, 11.02.2014 | (Basement ground plus three upper floors) one Block | |
| 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 | | | |
| | 1) Road width | 6 Mtrs. | 30 Mtrs Provided | MR |
| | 2) Gate width | Accessible for F E. | 6 Mtrs. Provided | MR |
| | 3) Width of internal road | N/A | N/A | N/A |
| 2 | Number, width Type & arrangement of exits | | | |
| | a. Number of staircases | | | |
| | 1. Upper floors | 02 Nos. | 03 Nos. Provided | MR |
| | 2. basements | 02 Nos. | 3 Nos. Provided | MR |
| | b. Width of staircase | | | |
| | 1. Upper floors | 1.5 Mtrs. | 2 Nos. of 1.76 Mtrs. 01 No. of 1.80 Mtrs. | MR |
| | 2. basements | 1.5 Mtrs. | 2 Nos. of 1.76 Mtrs. And 01 No. of 1.25 Mtrs. Provided. | MR |
| | c. Protection of exits | | | |
| | 1. Fire check door | Required | Provided | MR |
| | 2. Pressurization | N/A | N/A | N/A |
| | d. No. of continuous staircase to terrace | Required | 03 Nos. | MR |
| | e. Width of corridor | Required | 2 Mtrs | MR |
| | f. Door size | 1 Mtr. | 1 Mtr. | MR |
| 3 | Compartmentation. | | | |
| | 1. Fire check door | Required | Provided | N/A |
| | 2. Sealing of electrical shafts | N/A | N/A | N/A |
| | 3. Fire Rating of shaft door | N/A | N/A | N/A |
| | 4. water curtain | N/A | N/A | N/A |
| | 5. Fire dampers | N/A | N/A | N/A |
| 4 | Smoke Management system. | | | |
| | basement | 30 a/c per hour 12 a/c per hour | Exhaust fan provided | MR |
| | upper floors | | Natural Vent. | MR |
| 5 | Fire Extinguishers | | | |
| | total numbers | 01 Number for 300 Sq.Mtr. Area (ISI Marked) | 28 Nos | MR |
| | Types | | 20 Nos. & 8 Nos. ABC | MR |

| | | | | |
|-----------|---|----------------------|--------------------------------|-----|
| 6 | First-Aid Hose Reels. | | | |
| | total numbers on each floor | 01 No. at each floor | 01 No. at each floor | 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 |
| | hooter's location | N/A | N/A | N/A |
| 8 | MOEFA | N/A | N/A | N/A |
| 9 | Public Address System. | Required | Provided | MR |
| 10 | Automatic Sprinkler System. | | | |
| | basement | Required | Provided | MR |
| | upper floors | N/A | N/A | N/A |
| | sprinkler above false ceiling | N/A | N/A | N/A |
| 11 | Internal Hydrants | | | |
| | Size of riser/down-corner | 100 MM | 100 MM Provided | MR |
| | Number of Hydrants per floor | 01 No. | 01 No. Provided at each floor | MR |
| | hose Box | 01 No. | 01 Nos. Provided at each floor | 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 | | | |
| | 1. Ground level | | | |
| | a. Discharge of main Pump | N/A | N/A | N/A |
| | b. Head of main pump | N/A | N/A | N/A |
| | c. Number of main pumps | N/A | N/A | N/A |
| | d. jockey pump out put | N/A | N/A | N/A |
| | e. jockey pump head | N/A | N/A | N/A |
| | f. Standby Pump output | N/A | N/A | N/A |
| | g. Stanby Pump head | N/A | N/A | N/A |
| | h. Auto Starting/Manual stopping | N/A | N/A | N/A |
| | pump house access | N/A | N/A | N/A |
| | 2. Terrace level | | | |
| | a. Discharge of pump | 450 + 450 LPM | 450 + 450 LPM | MR |
| | b. head of the pump | 40 Mtrs. | 40 Mtrs. | MR |
| | c. Power supply | Required | DG Set Provided | MR |
| | d. Auto starting of pump | Required | Provided | MR |
| 14 | Captive water storage for fire fighting | | | |
| | 1. Underground tank capacity | N/A | 50,000 Ltr Provided | MR |
| | a. Draw-off connection | N/A | Provided | N/A |
| | b. fire service inlet | N/A | Provided | MR |
| | c. Access to tank | N/A | Provided | N/A |
| | Over head tank Capacity | 15000 Ltrs. | 15000 Ltrs. Provided | MR |
| 15 | Exit Signage. | Required | Provided | MR |
| 16 | Provision of lifts. | | | |
| | a. Pressurization of lift shaft | N/A | N/A | N/A |
| | b. pressurization of lift lobby | N/A | N/A | N/A |
| | c. communication in lift car | N/A | Provided | N/A |
| | d. Fireman's grounding switch | N/A | Provided | N/A |
| | e. Lift signage | N/A | Provided | N/A |

N/7

| | | | | |
|----|--|--------------|--------------------|-----|
| 17 | Standby power supply | Required | DG Set Provided | MR |
| 18 | Refuge Area. | Not Required | | |
| | total area | | | |
| | location | | | |
| 19 | Fire control room | | | |
| | a. detector system Panel | N/A | N/A | N/A |
| | b. Flow switch Panel | N/A | N/A | N/A |
| | c. PA system Panel | N/A | N/A | N/A |
| | d. Batter backup | N/A | N/A | N/A |
| | e. Building floor plans | N/A | N/A | N/A |
| 20 | Special Fire Protection systems for protection of special risks, if any. | Required | Provided ABC & CO2 | MR |

The fire protection systems provided in the building were checked, tested and found functional at the time of inspection. The shortcomings vide letter No: F.6/DFS/MS/2014/SZ/123 Dt. 20.01.2014 were found rectified. Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rule, the grant of Fire Safety Certificate (for Ground plus three upper floor with basement) is recommended under rule 35 of the Delhi Fire Service Rules 2010.

Accordingly DFA is put up for approval and signature please.

K. Tomar
24/3/14

Signature of the Inspecting Officer

Name Sanjay Kumar Tomar

Designation DO (South West)

S.P. Bhardwaj
21/3/14

Signature of the Inspecting Officer

Name S.P. Bhardwaj

Designation ADO (Dwarka)