

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

No. F6/DFS/MS/2014/402/1153

Dated: 09/09/14

FIRE SAFETY CERTIFICATE

Certified that the Shaheed Rajguru College of Applied Science for Women at Vasundhara Enclave, Delhi, comprised of basement, ground plus three upper floors, owned/occupied by Govt. of NCT of Delhi (PWD) have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officer concerned of this department on 06.08.2014 in the presence of Sh. R.K.Bhardwaj (AE-E) PWD and that the building is fit for occupancy group B "Educational Building excluding auditorium" with effect from 09/09/14 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, printed overleaf.

Issued on 09/09/14 at New Delhi by



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

o/c f

To,
The Principal
Shaheed Rajguru College of Applied Science for Women
Vasundhara Enclave, Delhi-96.

- Copy to:-
1. The Executive Engineer (E),
B-242(N), PWD, GTB Hospital Complex,
Shahdara, Delhi-95.
 2. The Joint Director (Bldg) (L & I),
DDA Building Department
INA, Vikas Sadan, New Delhi.

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 perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. Internal access road of 6 mtrs wide all around building blocks must be kept clear all the time for free movement of fire engines in case of fire.
6. Basement shall be used as per BBL.
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"
8. 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.
9. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction/ unauthorized use of land if any .
10. The Auditorium part will be considered for issuance of Fire Safety Certificate when reference received from Delhi Police Licensing Department. Accordingly the same shall not be used till then.

1. Name & address of the building :Shaheed Rajguru College of Applied Science for Women at Enclave, Delhi-96.
2. Building Comprised of :B+G+3 upper Floors
3. Type of Occupancy : Institutional (College)
4. Type of Case : New Case *Educational*
5. Details of Previous NOC : Nil
6. Fire Safety directives No : F6/DFS/MS/BP/2006/3081 Dated 13.10.2006.
7. Date of Inspection : 06.08.14
8. Name of the Inspecting Officer : DO Virendra Singh
9. Name of the designation of Officer
From the building side : Sh.R.K.Bhardwaj(AE) with other staff.
10. Year of Construction : 2010- 2011
11. Applicant's letter No :54/SRGC-III)EE(E)/B-242(N)//PWD/GTBH/2014-15 /299 dated 26/06/14

| S.NO. | Minimum Standards on fire prevention and fire safety U/R33 | NBC Requirement | Provided at Site | Remarks MR/NMR |
|-------|---|-----------------|-------------------------------|----------------|
| 1 | Access to building | | | |
| | <ul style="list-style-type: none"> • Road width • Gate width • Width of internal road | 12 Mtrs. | 24 Mtrs. | MR |
| | | 6. Mtrs. | 6 Mtrs. | MR |
| | | 6 Mtrs. | 6 Mtrs. | MR |
| 2 | Number, Width, Type and Arrangement of Exits | | | |
| | a. Number of Staircases | | | |
| | <ul style="list-style-type: none"> • Upper Floor • Basement | 3 nos. | 3 nos. | MR |
| | | 2 nos. | 2 nos.+ Ramp & Shunken ground | MR |
| | B. Width of Staircases | | | |
| | <ul style="list-style-type: none"> • Upper Floor • Basement | 1.5 Mtrs. | 1.5 Mtrs. | MR |
| | | 1.5 Mtrs. | 1.5 Mtrs. | MR |
| | c. Protection of exits | | | |
| | <ul style="list-style-type: none"> • Fire check door • Pressurization | Required | Provided | MR |
| | | Required | Provided | MR |
| | e. No. of continuous staircases to terrace | 2nos. | 3 nos. | MR |
| | g. Width of Corridor | 1.5 Mtrs. | 2.0 Mtrs. | MR |
| | h. Door Size | 1.0 Mtr. | 1.0 Mtrs. | MR |
| 3 | Compartmentation. | | | |
| | <ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire rating of shaft door • Water curtain • Fire Dampers | Required | Provided | MR |
| | | Required | Sealed | MR |
| | | 2 hrs. | Provided | MR |
| | | N/A | N/A | N/A |
| | | N/A | N/A | N/A |
| 4 | Smoke Management System. | | | |
| | <ul style="list-style-type: none"> • Basement • Upper floor | 30a/c per hour | Provided | MR |
| | | N/A | N/A | N/A |
| 5. | Fire Extinguisher | | | |
| | <ul style="list-style-type: none"> • Total numbers • Types • IS marking | 45 nos. | 45 nos. | MR |
| | | ABC & Co2 | ABC & Co2 | MR |
| | | ISI marked | ISI marked | MR |
| 6 | First-aid-Hose Reels. | | | |
| | <ul style="list-style-type: none"> • Total numbers of each floor • Length of hose reel hose • Nozzle diameter | 4 nos. | 4 nos. | MR |
| | | 36 m | 36 m | MR |
| | | 5 mm | 5 mm | MR |

| | | | | |
|----|--|------------------|--------------|-----|
| 7 | Automatic fire detection and alarming system. | | | |
| | <ul style="list-style-type: none"> Type of detectors Location of main panel Location of repeater panel Alternate source of power | N/A | Heat & smoke | MR |
| | | Ground Floor | Provided | MR |
| | | N/A | N/A | N/A |
| | | Battery & DG Set | Provided | MR |
| | <ul style="list-style-type: none"> Hooters's location | Staircase | Provided | MR |
| 8 | MOEFA | N/A | Provided | MR |
| 9 | Public address System. | N/A | Provided | MR |
| 10 | Automatic Sprinkler System. | | | |
| | <ul style="list-style-type: none"> Basement | Required | Provided | MR |
| | <ul style="list-style-type: none"> upper floor | N/A | N/A | N/A |
| | <ul style="list-style-type: none"> sprinkler above false ceiling | N/A | N/A | N/A |
| 11 | Internal Hydrants | | | |
| | <ul style="list-style-type: none"> size of riser/down-comer | N/A | 150 mm | MR |
| | <ul style="list-style-type: none"> Number of hydrants per floor | N/A | 4Nos. | MR |
| | <ul style="list-style-type: none"> Hose Box | N/A | 4 Nos. | MR |
| 12 | Yard Hydrants. | | | |
| | <ul style="list-style-type: none"> Total number of hydrants | N/A | 3 Nos. | MR |
| | <ul style="list-style-type: none"> Hose Box | N/A | 3 Nos. | MR |
| 13 | ❖ Pumping Arrangements. | | | |
| | <ul style="list-style-type: none"> Ground Level | 2280 LPM | 2280 LPM | MR |
| | <ul style="list-style-type: none"> ➤ Discharge of main Pump | 2280 LPM | Provided | MR |
| | <ul style="list-style-type: none"> ➤ Head of Main Pump | 70 Mtrs. | 80 mtrs | MR |
| | <ul style="list-style-type: none"> ➤ Number of main pumps | 1 no. | 1 no. | MR |
| | <ul style="list-style-type: none"> ➤ Jockey pump out put | 180 LPM | 180 LPM | MR |
| | <ul style="list-style-type: none"> ➤ Jockey pump head | 70 Mtrs. | 80 mtrs. | MR |
| | <ul style="list-style-type: none"> ➤ Standby pump out put | 2280 LPM | 2280 LPM | MR |
| | <ul style="list-style-type: none"> ➤ Standby pump Head | 70Mtrs | 80 Mtrs. | MR |
| | <ul style="list-style-type: none"> ➤ Auto Starting /Manual stopping | Auto | Provided | MR |
| | <ul style="list-style-type: none"> ➤ Pump House Access | Required | Provided | MR |
| | <ul style="list-style-type: none"> Terrace Level | | | |
| | <ul style="list-style-type: none"> ➤ Discharge of pump | 900 LPM | 900 LPM | MR |
| | <ul style="list-style-type: none"> ➤ Head of the Pump | 40 Mtrs. | 40 Mtrs. | MR |
| | <ul style="list-style-type: none"> ➤ Power supply | Required | Provided | MR |
| | <ul style="list-style-type: none"> ➤ Auto Starting of pump | Required | Provided | MR |
| 14 | Captive Water Storage for Fire Fighting. | | | |
| | <ul style="list-style-type: none"> Underground tank capacity | 50,000 Ltrs. | 50,000 Ltrs. | MR |
| | <ul style="list-style-type: none"> ➤ Draw-off connection | Required | Provided | MR |
| | <ul style="list-style-type: none"> ➤ Fire service inlet | Required | Provided | MR |
| | <ul style="list-style-type: none"> ➤ Access to tank | Required | Provided | MR |
| | <ul style="list-style-type: none"> Overhead Tank capacity | 10,000 Ltrs. | 20,000 Ltrs. | MR |
| 15 | Exit Signage. | Required | Provided | MR |
| 16 | Provision of Lifts. | | | |
| | <ul style="list-style-type: none"> Pressurization of Lift Shaft | Required | Provided | MR |
| | <ul style="list-style-type: none"> Pressurization of Lift lobby | N/A | N/A | N/A |
| | <ul style="list-style-type: none"> Communication in lift car | Required | Provided | MR |
| | <ul style="list-style-type: none"> Firemen's grounding switch | Required | Provided | MR |
| | <ul style="list-style-type: none"> Lift Signage | Required | Provided | MR |

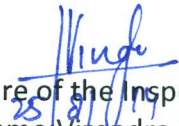
❖ Pumping arrangements are common for entire complex

N/17

| | | | | |
|----|--|----------|----------|-----|
| 17 | Standby power supply | Required | 1000 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 | Required | Provided | MR |
| | • Flow switch panel | N/A | Provided | MR |
| | • PA system panel | N/A | Provided | MR |
| | • Battery backup | Required | Provided | MR |
| | • 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 |

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 it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rule 2010.


Signature of the Inspecting Officer
Name: Virendra Singh
Designation: DO(ED)