

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

No. F.6/DFS/MS/Educational/SZ/2017/ 1013

Dated: 12/7/17

FIRE SAFETY CERTIFICATE

Certified that the **TERI University, situated at Plot No. 10, Institutional Area, Vasant Kunj, New Delhi-110070** comprised of Three Blocks i.e. Office Block, Administrative Block (both having Basement, Ground & four Upper floors) & Hostel Block (Ground & four Upper Floors). The premise has already been issued FSC vide letter No. F6/DFS/MS/2014/366 dated 31/03/2014. The premises was re-inspected by the officer concerned of this department on 20/06/2017 in the presence of Mr. Shyam Dogra and found that the **Administrative Block & Hostel Block** have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that these two building blocks is fit for occupancy class "**Group B Educational building**" with effect from 12/7/2017 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.....12.7.17.....at New Delhi by.


(Vipin Kental)
Chief Fire Officer
Tel: 011-23412225

Copy to:-

1. The Executive Engineer (Bldg.), Building Department, SDMC, Civic Center, Minto Road, New Delhi-110002
2. Capt. Pradeep Kumar Padhy (Retd.), Registrar and Head (Outreach), TERI University, Plot No. 10, Institutional Area, Vasant Kunj, New Delhi-110070

Conditions for the validity of fire safety certificate:

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of firefighting system.
4. 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
5. This fire safety certificate may not in any way be treated as regularization of unauthorized construction, if any.
6. "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."
7. This FSC is valid for Administrative Block & Hostel Block only. The management will apply separately for FSC of office block prior to occupation on completion of ongoing renovation work.

INSPECTION REPORT

1. Name & address of the building : TERI University, Plot No. 10, Institutional Area, Vasant Kunj, New Delhi-110070
2. Type of Occupancy : Class- B (Educational)
3. Type of Case : Renewal
4. Details of Previous NOC : F6 /DFS/MS/2014/SZ/366 dated 31/03/2014
5. Fire Safety directives letter No : F6/DFS/MS/BP/2005/65 dated 14/01/2005
6. Date of inspection : 20/06/2017
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers
From the building side : Mr. Shyam Dogra
9. Year of Construction : 2008 [Three Blocks: Office & Administrative Block {Basement + Ground + 4 upper floors} & Hostel Block {Ground + 4 upper floors}]
10. Applicant's letter No. : Nil dated 05/06/2017, Outdoor diary no. 7432 dated 06/06/2017

| S. No. | Minimum Standards on fire prevention and fire safety U/R 33 | BBL/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 | 9m 5m -NA- | 9m Provided -NA- | MR MR -NA- |
| 2. | Number, Width, Type & Arrangement of Exits | | | |
| | a. Number of staircases | | | |
| | <ul style="list-style-type: none"> • Upper Floors • Basements | 07 Nos 03 Nos | 08 Nos 03 Nos | MR MR |
| | b. Width of staircases | | | |
| | <ul style="list-style-type: none"> • Upper Floor • Basements | 1.5m(each) 1.5m(each) | 1.19, 1.27, 1.22, 0.96, 1.26, 0.97, 1.30 & 1.20m 1.27, 1.42 & 0.84m | MR (old case) MR (old case) |
| | c. Protection of exits | | | |
| | <ul style="list-style-type: none"> • Fire check door • Pressurization | Required -NA- | Provided -NA- | MR -NA- |
| | d. No. of continuous staircases to terrace | Required | 05 Nos | MR |
| | e. Width of Corridor | -NA- | -NA- | -NA- |
| | f. Door Size | -NA- | 1m (final exit) | -NA- |
| 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 Required -NA- -NA- -NA- | Provided Provided -NA- -NA- -NA- | MR MR -NA- -NA- -NA- |
| 4. | Smoke Management System | | | |
| | <ul style="list-style-type: none"> • Basements • Upper floors | 30 a/c per hour 12 a/c per hour | Provided Natural Ventilation | MR MR |
| 5. | Fire Extinguishers | | | |
| | <ul style="list-style-type: none"> • Total numbers • Types • IS marking | 80 No's ABC/W. CO ₂ /CO ₂ ISI | 100 No's 40/40/20 No's Yes | MR MR MR |
| 6. | First-Aid Hose Reels | | | |
| | <ul style="list-style-type: none"> • Total numbers on each floor • Length of hose reel hose • Nozzle diameter | 06 (04 in basement) 30m 5mm | Provided Provided Provided | MR MR MR |
| 7. | Automatic fire detection and alarming system | | | |
| | <ul style="list-style-type: none"> • Type of detectors • Location of Main Panel | Smoke/Heat Ground Floor | Provided Provided | MR MR |

| | | | | |
|-----|---|---------------------|-------------|---------------|
| | • Hooters' Location | All Levels | Provided | MR |
| 8. | MOEFA | Required | Provided | MR |
| 9. | Public Address System | Required | Provided | MR |
| 10. | Automatic Sprinkler System | | | |
| | • Basement | Required | Provided | MR |
| | • Ground Floor | -NA- | -NA- | -NA- |
| | • Sprinkler above false ceiling | -NA- | -NA- | -NA- |
| 11. | Internal Hydrants | | | |
| | • Size of riser/down-comer | 100mm | Provided | MR |
| | • Number of hydrants per floor | 06 (04 in basement) | Provided | MR |
| | • Hose Box | 06 (04 in basement) | Provided | MR |
| 12. | Yard Hydrants | | | |
| | • Total number of hydrants | 04 Nos | 04 Nos | MR |
| | • Hose Box | 04 Nos | 04 Nos | MR |
| 13. | Pumping Arrangements | | | |
| | • Ground Level | | | |
| | ➤ Discharge of main Pump | 2850 LPM | Provided | MR |
| | ➤ Head of Main pump | 70m | Provided | MR |
| | ➤ Number of main pumps | 01 | Provided | MR |
| | ➤ Jockey Pump out put | 180 LPM | Provided | MR |
| | ➤ Jockey pump head | 70m | Provided | MR |
| | ➤ Standby Pump out put | 2850 LPM | Provided | MR |
| | ➤ Standby Pump Head | 70m | Provided | MR |
| | ➤ Auto Starting/Manual Stopping | Required | Provided | MR |
| | ➤ Pump House Access | Required | Provided | MR |
| | • Terrace level | | | |
| | ➤ Discharge of pump | 900 LPM | 2 x 900 LPM | MR |
| | ➤ Head of the pump | 30m | Provided | MR (Old Case) |
| | ➤ Power Supply | Required | Provided | MR |
| | ➤ Auto Starting of pump | Required | Provided | MR |
| 14. | Captive Water Storage for fire fighting | | | |
| | • Underground tank capacity | | | |
| | ➤ Draw-off connection | Required | Provided | MR |
| | ➤ Fire service inlet | Required | Provided | MR |
| | ➤ Access to tank | Required | Provided | MR |
| | • Overhead Tank capacity | 30,000 Lts. | Provided | MR |
| 15. | Exit Signage. | Required | Provided | MR |
| 16. | Provision of Lifts. | | | |
| | • Pressurization of Lift Shaft | -NA- | -NA- | -NA- |
| | • Pressurization of Lift lobby | -NA- | -NA- | -NA- |
| | • Communication In lift Car | Required | Provided | MR |
| | • Fireman's Grounding Switch | Required | Provided | MR |
| | • Lift Signage | Required | Provided | MR |
| 17. | Standby power supply | Required | Provided | MR |
| 18. | Refuge Area. | | | |
| | ➤ Total Area | -NA- | -NA- | -NA- |
| | ➤ Location | -NA- | -NA- | -NA- |
| 19. | Fire Control Room | | | |
| | • Detector System Panel | -NA- | Provided | -NA- |
| | • Flow Switch Panel | -NA- | -NA- | -NA- |
| | • PA System Panel | -NA- | Provided | -NA- |
| | • Battery backup | -NA- | Provide | -NA- |
| | • Building Floor Plans | -NA- | -NA- | -NA- |
| 20. | Special Fire Protection System for | -NA- | -NA- | -NA- |

- N/A -

TERI University, Plot No. 10, Institutional Area, Vasant Kunj, New Delhi-110070

The fire protection systems provided in the building were randomly tested, checked and found functional at the time of inspection and the shortcomings communicated vide letter no. F/6/DFS/MS/Ind./SZ/2017/484 dated 21/02/2017 found complied. However Office Block is still under renovation at ground & upper levels and was not worthy for inspection.

Keeping in view of the above substantial compliance of the minimum standards of fire prevention and fire safety measures as required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010 for Administrative Block & Hostel Block excluding Office Block as requested by the applicant.

Accordingly reply letter in shape of DFA is put up.

Amilash
20/6/17

Signature of Inspecting Officer
Name: A. K. Malik
Designation: Divisional Officer

DY. CFO (SZ)

972/cfo sz



Cfo (Sps)

Amilash
20/6

The no of blocks mentioned earlier were two. The third block may be clarified.

DY. CFO (SZ)

Amilash
21/6