

FORM 'H'
FORM FOR ISSUING FIRE SAFETY CERTIFICATE
[Refer sub - rule (1) of rule 35]
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE, CONNAUGHT PLACE
NEW DELHI

No. F6/DFS/MS/WZ/2020/ 20

Dated: 09/01/2020

FIRE SAFETY CERTIFICATE

Certified that the **Delhi Metro Rail Corporation** located at **Keshav Puram Metro Station (Except PD area)** comprised of Ground, Concourse and Platform was issued FSC vide letter no. F6/DFS/MS/2016/WZ/1830 dated 23-12-2016. The premises was re inspected by the officer concerned of this department on 14-12-2019 in the presence of Vikas Bhardwaj (AM/Fire) and found that the said building have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rule, 2010 and that the building / premises is fit for the occupancy class "Assembly" Group D Sub Division D - 7 with effect from ..09/01/2020..... 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 on09/01/2020..... at New Delhi by.

(Atul Garg)
Director

Delhi Fire Service

Copy to:

1. Sh. Vikas Bhardwaj, (AM/Fire), DMRC, Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi - 110001.

Following fire safety directives must be adhered to:-

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
5. The basement shall be used as per building bye laws 1983.
6. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
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 the form 'K' provided in the first schedule of Delhi Fire Service Rules 2010, form is available on www.dfs.delhigovt.nic.in.

1. Name & address of the building : Keshav Puram Metro Station (Except PD area)
2. Type of Occupancy : Assembly
3. Type of Case : Renewal (Ground + Concourse + Platform)
4. Details of previous NOC : F6/DFS/MS/2016/WZ/1830 dated 23-12-2016
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2003/450 dated 27-02-2003
6. Date of inspection : 14-12-2019
7. Name of the Inspecting Officer : Udai Vir Singh, ADO (WZ)
8. Name and designation of Officer
from the building side : Vikas Bhardwaj (AM/Fire)
9. Year of Construction : 2004
10. Applicant's letter No. : DMRC/O&M/Fire/NOC/L-1/2019/98 dated 14-11-19

| S No | Minimum standards on fire prevention and fire safety U/R 33 | NBC Requirements | Provided at site | Remarks MR/NMR |
|------|---|--|--|----------------------------|
| 1. | Access of building | | | |
| | <ul style="list-style-type: none"> • Road width • Gate width • Width of internal road | On main road 5m NA | Provided On main road NA | MR MR NA |
| 2. | Number, width, Type & Arrangements of exits | | | |
| | a. Number of staircases | | | |
| | <ul style="list-style-type: none"> • Upper floors • Basements | 2 for each platform NA | Provided NA | MR NA |
| | b. Width of staircases | | | |
| | <ul style="list-style-type: none"> • Upper floors • Basements | 1.5m & 4m NA | 1x390, 1x150 each platform NA | MR(Old Case) NA |
| | c. Protection of exits | | | |
| | <ul style="list-style-type: none"> • Fire check door • Pressurization | NA NA | NA NA | NA NA |
| | d. No of continuous staircase to terrace | NA | NA | NA |
| | e. Width Of Corridor | NA | NA | NA |
| | f. Door Size | 2m | 190cm | MR(old Case) |
| 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 Required NA NA | Provided Provided Provided NA NA | MR MR MR NA NA |
| 4. | Smoke managements System | | | |
| | <ul style="list-style-type: none"> • Basements • Upper floors | NA NA | NA NA | NA NA |
| 5. | Fire Extinguishers | | | |
| | <ul style="list-style-type: none"> • Total numbers • Types • IS marking | 35 CO2 & WCO2 Required | 28 CO2, 7 WCO2 Provided Provided | MR MR MR |
| 6. | First – Aid Hose Reels | | | |
| | <ul style="list-style-type: none"> • Total numbers on each floor • Length of hose reel hose | 2 on each platform | Provided | MR |

| Automatic fire detection and alarming system | | | | |
|--|---|---|--------------------|----|
| 7. | <ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location | Smoke | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| 8. | MOEFA | Required | Provided | MR |
| 9. | Public Address System | Required | Provided | MR |
| 10. | Automatic Sprinkler System | | | |
| | <ul style="list-style-type: none"> Basements Upper Floor Sprinkler above false ceiling | NA | NA | NA |
| | | NA | NA | NA |
| | | NA | NA | NA |
| 11. | Internal Hydrants | | | |
| | <ul style="list-style-type: none"> Size of riser/down- comer Number of hydrants per floor Hose Box | 150mm | Provided | MR |
| | | 2 | Provided | MR |
| | | Required | Provided | MR |
| 12. | Yard Hydrants | | | |
| | <ul style="list-style-type: none"> Total number of hydrants Hose Box | 2 | Provided | MR |
| | | Required | Provided | MR |
| 13. | Pumping Arrangements | | | |
| | Ground Level | All the pumps are connected with generator also | | |
| | <ul style="list-style-type: none"> 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 Staring/Manual stopping Pump House Access Terrace level Discharge of pump Head of the pump Power supply Auto starting of pump | 1800lpm | Provided | MR |
| | | 60m | Provided | MR |
| | | 1 | Provided | MR |
| | | 180lpm | Provided | MR |
| | | 60m | Provided | MR |
| | | 1800lpm | Provided | MR |
| | | 60m | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | NA | NA | NA |
| | | NA | NA | NA |
| | | NA | NA | NA |
| | | NA | NA | NA |
| 14. | Captive water Storage for fire fighting | | | |
| | <ul style="list-style-type: none"> Under ground tank capacity Draw of connection Fire service inlet Access to tank Overhead Tank capacity | 50000ltrs | Provided 1lac ltrs | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | NA | NA | NA |
| 15 | Exit Signage | Required | Provided | MR |
| 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 | NA | NA | NA |
| | | NA | NA | NA |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| | | Required | Provided | MR |
| 17. | Standby power supply | Required | Provided | MR |
| 18. | Refuge Area | | | |
| | <ul style="list-style-type: none"> Total area Location | NA | NA | NA |
| | | NA | NA | NA |
| 19. | Fire control room | | | |
| | <ul style="list-style-type: none"> Detector system panel Flow Switch Panel PA System Panel | Required | Provided | MR |
| | | NA | NA | NA |
| | | Required | Provided | MR |

| | | | | |
|-----|--|------------------------------------|----------|----|
| 20. | Special Fire Protection Systems for Protection of special Risks, if any; | CO2 flooding for ASS, HT, LT panel | Provided | MR |
|-----|--|------------------------------------|----------|----|

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

In view of the deemed compliance of the minimum standards on fire prevention and fire safety as required under the rules the NOC issued vide letter no. F6/DFS/MS/2016/WZ/1830 dated 23-12-2016 renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

~~Signature of the Inspecting Officer~~
 19/12/19

Name Uday Vir Singh

Designation ASD/WA

Signature of the Inspecting Officer

Name

Designation

~~Signature of the Inspecting Officer~~
 26/1/19
 Director
 26/1/19

~~Signature of the Inspecting Officer~~

bir AP letter is part of the file

~~Signature of the Inspecting Officer~~
 8/1/2020

~~Signature of the Inspecting Officer~~
 4/1/2020