

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. F.6/DFS/MS/2016/WZ/ 1830

Dated: 23.12.2016

**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. F.6/DFS/MS/2014/WZ/133 dated 30-01-2014. The premises was re inspected by the officer concerned of this department on 06-12-2016 in the presence of Mr Vikas Bhardawaj (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 23.12.2016 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 23.12.2016 at New Delhi by.

  
(Atul Garg)

Chief Fire Officer,  
Delhi Fire Service.

Copy to:

1. Sh. Vikas Bhardawaj (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 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](http://www.dfs.delhigovt.nic.in).
8. All the exit/passage must not be kept under lock and key and free from any obstruction.

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16  
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## INSPECTION REPORT

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 : Letter No. F6/DFS/MS/2014/WZ/133 Dated 30-01-14
5. Fire Safety directives Letter No. : Letter No. F6/DFS/MS/BP/2003/450 dated 27-02-03
6. Date of inspection : 06-12-2016
7. Name of the Inspecting Officer : Udai vir Singh ADO (WP)
8. Name and designation of Officer  
from the building side : Vikesh Bhardawaj (AM Fire)
9. Year of Construction : 2004
10. Applicant's letter No. : DMRC/O&M/Fire/NOC/L-3/2016/49 Dated 23-11-16

| S No | Minimum standards on fire prevention and fire safety U/R 33                                                                                                                                                                                                                                                                                                                                    | BBL Requirements                                                                                                                                                                  | Provided at site                                                                                                                                                           | Remarks MR/NMR                                                                                                                                       |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | Access of building                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                   |                                                                                                                                                                            |                                                                                                                                                      |
|      | <ul style="list-style-type: none"> <li>• Road width</li> <li>• Gate width</li> <li>• Width of internal road</li> </ul>                                                                                                                                                                                                                                                                         | <ul style="list-style-type: none"> <li>On Main Road</li> <li>5 m</li> <li>NA</li> </ul>                                                                                           | <ul style="list-style-type: none"> <li>Provided</li> <li>On Main Road</li> <li>NA</li> </ul>                                                                               | <ul style="list-style-type: none"> <li>MR</li> <li>MR</li> <li>NA</li> </ul>                                                                         |
| 2.   | Number, width, Type & Arrangements of exits                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                   |                                                                                                                                                                            |                                                                                                                                                      |
|      | <ul style="list-style-type: none"> <li>a. Number of staircases</li> <li>• Upper floors</li> <li>• Basements</li> <li>b. Width of staircases</li> <li>• Upper floors</li> <li>• Basements</li> <li>c. Protection of exits</li> <li>• Fire check door</li> <li>• Pressurization</li> <li>d. No of continuous staircase to terrace</li> <li>e. Width Of Corridor</li> <li>f. Door Size</li> </ul> | <ul style="list-style-type: none"> <li>2 for each floor</li> <li>NA</li> <li>1.5m &amp; 4 m</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>2 mtr</li> </ul> | <ul style="list-style-type: none"> <li>Provided</li> <li>NA</li> <li>1x390,1x150 each Plat form</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>190 cm</li> </ul> | <ul style="list-style-type: none"> <li>MR</li> <li>NA</li> <li>MR (Cold Case)</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>NA</li> <li>MR</li> </ul> |





|     |                                              |                                    |              |    |
|-----|----------------------------------------------|------------------------------------|--------------|----|
| 3.  | Compartmentation                             |                                    |              |    |
|     | • Fire check door                            | Required                           | Provided     | MR |
|     | • Sealing of electrical shafts               | Required                           | Provided     | MR |
|     | • Fire Rating of shaft door                  | Required                           | Provided     | MR |
|     | • Water Curtain                              | NA                                 | NA           | NA |
|     | • Fire Dampers                               | NA                                 | NA           | NA |
| 4.  | Smoke managements System                     |                                    |              |    |
|     | • Basements                                  | NA                                 | NA           | NA |
|     | • Upper floors                               | NA                                 | NA           | NA |
| 5.  | Fire Extinguishers                           |                                    |              |    |
|     | • Total numbers                              | 35 nos.                            | 28 Co2,7 W C | MR |
|     | • Types                                      | CO <sub>2</sub> & WCO <sub>2</sub> | Provided     | MR |
|     | • IS marking                                 | ISI marked                         | Provided     | MR |
| 6.  | First – Aid Hose Reels                       |                                    |              |    |
|     | • Total numbers on each floor                | 2 on each platform                 | Provided     | 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                          | Smoke                              | Provided     | MR |
|     | • Location of Main Panel                     | Required                           | Provided     | MR |
|     | • Location of Repeater Panel                 | Required                           | Provided     | MR |
|     | • Alternate source of power                  | Required                           | Provided     | MR |
|     | • Hooters' Location                          | Required                           | Provided     | MR |
| 8.  | MOEFA                                        | Required                           | Provided     | MR |
| 9.  | Public Address System                        | Required                           | Provided     | MR |
| 10. | Automatic Sprinkler System                   |                                    |              |    |
|     | • Basements                                  | NA                                 | NA           | NA |
|     | • Upper Floor                                | NA                                 | NA           | NA |
|     | • Sprinkler above false ceiling              | NA                                 | NA           | NA |
| 11. | Internal Hydrants                            |                                    |              |    |
|     | • Size of riser/down-comer                   | 150 mm                             | Provided     | MR |
|     | • Number of hydrants per floor               | 2                                  | Provided     | MR |
|     | • Hose Box                                   | Required                           | Provided     | MR |
| 12. | Yard Hydrants                                |                                    |              |    |
|     | • Total number of hydrants                   | 2                                  | Provided     | MR |
|     | • Hose Box                                   | Required                           | Provided     | MR |

|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                 |                     |    |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------|----|
| 13. | Pumping Arrangements                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | All the pumps are connected with generator also |                     |    |
|     | <ul style="list-style-type: none"> <li>• Ground Level</li> <li>• Discharge of main pump</li> <li>➤ Head of main pump</li> <li>➤ Number of main pumps</li> <li>➤ Jockey pump out put</li> <li>➤ Jockey pump head</li> <li>➤ Standby Pump out put</li> <li>➤ Standby Pump Head</li> <li>➤ Auto Staring/Manual stopping</li> <li>➤ Pump House Access</li> <li>• Terrace level</li> <li>➤ Discharge of pump</li> <li>➤ Head of the pump</li> <li>➤ Power supply</li> <li>➤ Auto starting of pump</li> </ul> | 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"> <li>• Under ground tank capacity</li> <li>➤ Draw of connection</li> <li>➤ Fire service inlet</li> <li>➤ Access to tank</li> <li>• Overhead Tank capacity</li> </ul>                                                                                                                                                                                                                                                                                                  | 50,000ltrs                                      | Provided 1 lac ltrs | MR |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Required                                        | Provided            | MR |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Required                                        | Provided            | MR |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Required                                        | Provided            | MR |
|     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NA                                              | NA                  | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Required                                        | Provided            | MR |
|     | ➤ Flow Switch Panel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | NA                                              | NA                  | NA |
|     | ➤ PA System Panel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Required                                        | Provided            | MR |
|     | ➤ Battery backup                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Required                                        | Provided            | MR |
|     | ➤ Building Floor Plans                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | NA                                              | NA                  | NA |



|     |                                                                          |                                                |          |    |
|-----|--------------------------------------------------------------------------|------------------------------------------------|----------|----|
| 20. | Special Fire Protection Systems for Protection of special Risks, if any; | CO <sub>2</sub> 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 minimum standards on fire prevention and fire safety as required under the rules the NOC issued vide letter no. Letter No. F6/DFS/MS/2014/WZ/133 Dated 30-01-2014 renewal under rule 35 of the Delhi Fire Service Rules 2010 is recommended.

Signature of the Inspecting Officer 

Signature of the Inspecting Officer

Name *Udaya Singh*

Name

Designation *ADO (WP)*

Designation

*Dd/10*  
*Mukherjee*

*D. (WP/WZ)*  
*15/12/16*