

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

No. F.6/DFS/MS/2023/Delhi Metro/WZ/ 176

Dated: 06/04/2023

**FIRE SAFETY CERTIFICATE**

Certified that the **Delhi Metro Rail Corporation Ltd. Badli Depot Cum Workshop, Line-2**, comprised of **Three Building Ground + 01 upper floors & Seven Building Ground floors only** has already been issued FSC by this department vide letter No. F.6/DFS/MS/Metro Depot/2020/WZ/105 dated 13.02.2020. The premises was re-inspected by the officer concerned of this department on 06.03.2023 in the presence of **Mr. Vikas Bhardwaj (Manager)** 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 Rules, 2010 and that the premises fit for occupancy class **Mixed (Industrial + Business + Assembly + Storage)** with effect from 06/04/2023 for a period of **three years** in accordance with Rule 36 unless renewed under Rule 37 or sooner cancelled under Rule 40 and subjected to compliance of the conditions under Rule 38 of the Delhi Fire Service Rules, 2010.

Issued on 06/04/2023 at New Delhi by

  
(In Charge)  
**DIRECTOR**  
Ph; 011-23114000  
o/c   
06/4/2023

Copy to :-

1. Mr. Vivek Shrivastava (JGM/E&M), Delhi Metro Rail Corporation Ltd. Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

**Conditions for the validity of fire safety certificate:**

1. All the fire safety arrangement provided there-in shall be maintained in good working conditions at all times.
2. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. This certificate cannot be treated in any case for regularizations of unauthorized construction.
6. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director of Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".
7. 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
8. All the means of escape shall be kept free of any obstruction all the time to evacuate the occupant, in a safe manner, in the event of emergency.

[http://www.delhi.gov.in/wps/wcm/connect/doit\\_fire/FIRE/Home/Fire+Safety+Acts+and+Rules/](http://www.delhi.gov.in/wps/wcm/connect/doit_fire/FIRE/Home/Fire+Safety+Acts+and+Rules/)  
[http://www.delhi.gov.in/wps/wcm/connect/doit\\_fire/FIRE/Home/Forms](http://www.delhi.gov.in/wps/wcm/connect/doit_fire/FIRE/Home/Forms)

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### INSPECTION REPORT

1. Name & address of the building : Delhi Metro Rail Corporation Ltd. Badli Depot Cum Workshop Line-2.
2. Building Comprised of : Workshop cum inspection Bay (Gr. + 1), Time Office (Ground), Pit wheel lathe (Ground), Interior clearing Stabling Shed (Ground), DCO Store (Ground), Canteen Building (Ground), ETU Building (Ground + 01), P. Way Workshop (Ground), S & T Building (G+1)
3. Type of Occupancy : Mixed (Industrial + Business + Assembly + Storage)
4. Type of Case : Renewal
5. Details of Previous NOC : F.6/DFS/MS/Metro Depot/2020/WZ/105 dated 13.02.2020.
6. Fire Safety directives letter No : F.6/DFS/MS/BP/2018/331 dated 22.10.2018.
7. Date of inspection : 06.03.2023
8. Name of Inspecting Officer : A.K.Sharma ADO (Rohini)
9. Name and designation of officers  
From the building side : Mr. Vikas Bhardwaj (Manager)
10. Year of Construction : 2019
11. Applicant's letter No. : Online e-mail dated 31.01.2023.

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	Directives issued No.331 dated 22.10.2018 NBC Requirement	Provided at site	Remarks MR/NMR
1.	<b>Access to building</b>			
	• Road width	12m	Provided	MR
	• Gate width	4.5m	Provided	MR
	• Width of internal road	NA	NA	NA
2.	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	• Upper Floors	Workshop (5nos.) ETU Bld (02nos.) & S & T Bld (05nos.)	Provided	MR
	• Basements	NA	NA	NA
	b. Width of staircases			
	• Upper Floor	1.5m	Provided	MR
	• Basements	NA	NA	NA
	c. Protection of exits			
	Fire check door	Required	Provided	MR
	• Pressurization	NA	NA	NA
	d. No. of continuous staircases to terrace	Required	Provided	MR
	e. Width of Corridor	Required	Provided	MR
	f. Door Size	1.5m & 2m	Provided	MR
3.	<b>Compartmentation</b>			
	• 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.	<b>Smoke Management System</b>			
	• Basements	12 a/c per hour	NA	NA
	• Upper floors	12 a/c per hour	Natural ventilated	MR
5.	<b>Fire Extinguishers</b>			
	• Total numbers	1 @ 300 m2	163nos.	MR
	• Types	ABC/CO2	ABC/CO2	MR
	• IS marking	ISI marked	Yes	MR
6.	<b>First-Aid Hose Reels</b>			
	• Total numbers on each floor	Required	Provided	MR

by



	<ul style="list-style-type: none"> <li>Length of hose reel hose</li> <li>Nozzle diameter</li> </ul>	30mm 5m	Provided Provided	
<b>7.</b>	<b>Automatic fire detection and alarming system</b>			
	<ul style="list-style-type: none"> <li>Type of detectors</li> <li>Location of Main Panel</li> <li>Location of Repeater Panel</li> <li>Alternate source of power</li> <li>Hooters' Location</li> </ul>	Required Required Required Required Required	Provided Provided Provided Battery Backup Provided Provided	MR MR MR MR MR
<b>8.</b>	<b>MOEFA</b>	Required	Provided	MR
<b>9.</b>	<b>Public Address System</b>	Required	Provided	MR
<b>10.</b>	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>Basement</li> <li>Ground &amp; Upper Floors</li> <li>Sprinkler above false ceiling</li> </ul>	NA Required NA	NA Provided NA	NA MR NA
<b>11.</b>	<b>Internal Hydrants</b>			
	<ul style="list-style-type: none"> <li>Size of riser/down-comer</li> <li>Number of hydrants per floor</li> <li>Hose Box</li> </ul>	150mm Required Required	Provided Provided Provided	MR MR MR
<b>12.</b>	<b>Yard Hydrants</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> <li>Hose Box</li> </ul>	70nos. 70nos.	73nos. 73nos.	MR MR
<b>13.</b>	<b>Pumping Arrangements</b>			
	<ul style="list-style-type: none"> <li>Ground Level                             <ul style="list-style-type: none"> <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 Starting/Manual Stopping</li> <li>Pump House Access</li> </ul> </li> <li>Terrace level                             <ul style="list-style-type: none"> <li>Discharge of pump</li> <li>Head of the pump</li> <li>Power Supply</li> <li>Auto Starting of pump</li> </ul> </li> </ul>	 2850lpm 70m 01nos. 2 x 180lpm 70m 2850lpm 70m Required Required  NA NA NA NA	 2 x 2850lpm 70m 02nos. 2 x 180lpm 70m 2850lpm 70m Provided Provided  NA NA NA NA	 MR MR MR MR MR MR MR MR MR MR  NA NA NA NA
<b>14.</b>	<b>Captive Water Storage for fire fighting</b>			
	<ul style="list-style-type: none"> <li>Underground tank capacity                             <ul style="list-style-type: none"> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> </ul> </li> <li>Overhead Tank capacity</li> </ul>	2,00,000ltr Required Required Required 10,000 & 20,000ltr	Provided Provided Provided Provided Provided	MR MR MR MR MR
<b>15.</b>	<b>Exit Signage.</b>	Required	Provided	MR
<b>16.</b>	<b>Provision of Lifts.</b>			
	<ul style="list-style-type: none"> <li>Pressurization of Lift Shaft</li> <li>Pressurization of Lift lobby</li> <li>Communication In lift Car</li> <li>Fireman's Grounding Switch</li> <li>Lift Signage</li> </ul>	Required Required Required Required Required	Provided Provided Provided Provided Provided	MR MR MR MR MR
<b>17.</b>	<b>Standby power supply</b>	Required	Provided	MR
<b>18.</b>	<b>Refuge Area.</b>			
	<ul style="list-style-type: none"> <li>Total Area</li> <li>Location</li> </ul>	NA NA	NA NA	NA NA

Any ✓

N/10

**Fire Control Room**

• Detector System Panel	Required	Provided	MR
• Flow Switch Panel	Required	Provided	MR
• PA System Panel	Required	Provided	MR
• Battery backup	Required	Provided	MR
• Building Floor Plans	Required	Provided	MR

20.	Special Fire Protection System for Protection of special Risks, if any:	Required	Provided Co2 flooding system	MR
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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 of the fire prevention and fire safety measures as required under the rules the NOC issued vide letter no. F.6/DFS/MS/Metro Depot/2020/WZ/105 dated 13.02.2020 is recommended for renewal under rule 37 of the Delhi Fire Service rules 2010.

*Ajays*  
8/8/23

Signature of the Inspecting Officer  
Name **Ajay Kumar Sharma**  
Designation **ADO(Rohini)**

DO (NW)

*Ajays*  
20/03/2023

*ADO (D.P. Ghosh)*

*Ajays*  
20/07/2023

*ADO*  
*Mugh*  
20/01/2023

*Director*  
*Mugh*  
21/03/23

Ajay Kumar

Sir, F 7 is put up for your kind personal & Sij. please

*Director*  
*Mugh*

*Mugh*

*Ajays*  
06/14/2023  
ADO (M.N.)