



GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110001



No F6/DFS/MS/2024/ WZ/ 672

Dated 06/11/2024

FIRE SAFETY CERTIFICATE

Certified that the Delhi Metro Rail Corporation Ltd at Mukundpur Depot (Phase-III, Line-7, DMRC) Workshop Cum Inspection Bay, DCO, ETU Building, comprised of Ground plus one upper floor building each block and P way Building, Stabling Shed, Internal Cleaning Shed, Sub-Station, Pit-Wheel Lathe Shed comprised of Ground Floor building each block owned/ occupied by Delhi Metro Rail Corporation Ltd. was granted NOC by this department vide letter no. F6/DFS/MS/2021/WZ/494 Dated 11.10.2021. The premises was re-inspected by the officers concerned of this department on 23.10.2024 in the presence of Mr. Sanyam Jain (Manger/Fire) and found that the building/premise have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and the building/ premises is fit for occupancy **Storage Building** with effect from 06/11/2024 for a period of **03 (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 06/11/2024 at New Delhi by

(Ajul Garg)
Director

Ph-011-23414000

o/c G

Copy to:-

1. Sh. Sanyam Jain (Manager/Fire), Delhi Metro Rail Corporation Ltd. Mukundpur Depot, Phase-III, (Line-7), Mukundpur, Delhi.

Conditions for the validity of Fire Safety Certificate:

1. All the means of escape shall be kept free from any type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipment and method of smooth and speedy safe evacuation of occupants in case of emergency
3. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seem during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities. This Fire Safety Certificate is valid only for permanent building structure as per plan.
5. This fire safety certificate may not be treated in any case of regularizations of unauthorized construction/unauthorized use of land or activities, if any.
6. 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 the official website of Delhi Fire Service i.e. www.dfs.delhigovt.nic.in.
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".

N/19
INSPECTION REPORT

1. Name & address of the building : Mukundpur Depot (Phase-III DMRC) (Workshop cum inspection Bay, ETU building, Permanent way building & DCO building)
2. Type of Occupancy : Storage Building
3. Type of Case : Renewal, 04 blocks(01 block Ground floor & 03 blocks G+01 only)
4. Details of previous NOC : F6/DFS/MS/2021/WZ/494 Dated 11.10.2021
5. Fire Safety directives letter No : F6/DFS/MS/BP/2015/90 dated 27.03.2015
6. Date of inspection : 23.10.2024 WS cum IB—G+1st floor only
7. Name of the Inspecting Officers : ADO (RN) ETU, DCO building—G+1st floor only
8. Name and designation of officers from the building side : Mr. Sanyam Jain (Manager/Fire) P way building—Ground floor only
9. Year of Construction : 2015
10. Applicant's letter No. : Letter No. DMRC/O&M/FSC/Line-7/2024/24 dated: 03.09.2024

S. No	Minimum Standards on fire prevention and fire safety U/R 33	As directives letter dated 27.03.2015	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	10m	10m	MR
	• Gate width	05m	06m	MR
	• Width of internal road	NA	06	NA
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	Workshop 08 no's ETU building 04 no's DCU building 03 no's	Provided Provided Provided	MR
	• Basements	NA	NA	NA
	b. Width of staircases	1.50m each	Provided	MR
	• Upper Floors	Workshop 08 no's ETU building 04 no's DCO building 03 no's	Provided Provided Provided	MR
	• Basements	NA	NA	NA
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No. of continuous staircases to terrace	NA	NA	NA
		NA	NA	NA
	e. Width of Corridor	NA	NA	NA
	f. Door Size			
3	Compartmentation.			
	• Fire check door	NA	NA	NA
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	NA	NA	NA
	• Water Curtain	NA	NA	NA
	• Fire Dampers	N/A	N/A	N/A

4	Smoke Management System. N/20			
	• Basements	30ACPH	NA	MI
	• Upper floors	12ACPH	Natural Ventilated	
5	Fire Extinguishers			
	• Total numbers	Workshop 08 no's	110	MR
	• Types	ETU building 04 no's DCO building 03 no's	ABC type, Co2 type 4.5kg, Co2 22.5kg, Form type	MR
	• IS marking	Required	Provided	MR
6	First-Aid Hose Reels.			
	• Total numbers on each floor	One at each floor	Provided	MR
	• Length of hose reel hose	45m	Provided	MR
	• Nozzle diameter	25mm	Provided	MR
7	Automatic fire detection and alarming system.			
	• Type of detectors	Required Required Required	Workshop sensor-217 Heat-24 ETU building sensor-70 Heat-37 DCO building sensor-173 Heat-18	MR
	• Location of Main Panel	G.F	Provided	MR
	• Location of Repeater Panel	--	--	--
	• Alternate source of power	Required	16+09+06	MR
	• Hooters' Location	Required	16+09+06	MR
8	MOEFA	NA	NA	NA
9	Public Address System.	NA	NA	NA
10	Automatic Sprinkler System.			
	• Basement	NA	NA	NA
	• Upper Floor	Required Required Required	Workshop 131 no's ETU building 36 no's DCO building 243 no's	MR
	• Sprinkler above false ceiling	Required Required Required	Workshop 08 no's ETU building 04 no's DCO building 03 no's	MR
11	Internal Hydrants			
	• Size of riser/down-comer	Required Required Required	Workshop 04 no's ETU building 04 no's DCO building 02 no's	MR
	• Number of hydrants per floor	Required Required Required	Workshop 04 no's ETU building 04 no's DCO building 02 no's	MR
	• Hose Box	Required Required Required	Workshop 08 no's ETU building 04 no's DCO building 03 no's	MR
12	Yard Hydrants.			
	• Total number of hydrants	NA	NA	NA
	• Hose Box	NA	NA	NA

Pumping Arrangements.		Common for the entire workshop area		
13	➤ Ground Level			
	➤ Discharge of main Pump	2280 LPM	Provided	MR
	➤ Head of Main pump	80m	Provided	MR
	➤ Number of main pumps	02	Provided	MR
	➤ Jockey Pump out put	180 LPM	Provided	MR
	➤ Jockey pump head	80 m	Provided	M/R
	➤ Standby Pump out put	2280 LPM	Provided	MR
	➤ Standby Pump Head	80m	Provided	MR
	➤ Auto Starting/ Manual stopping	Required	Provided	MR
		Required	Provided	MR
	➤ Pump House Access			
	• Terrace level	900 LPM	Provided	NA
	➤ Discharge of pump	40m	Provided	NA
	➤ Head of the pump	Required	Provided	MR
➤ Power Supply	Required	Provided	MR	
➤ Auto Starting of pump				
14	Captive Water Storage for fire fighting.	Common for the entire workshop area		
	• Underground tank capacity	2,00,000 LTR	Provided	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	10,000 LTR	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	NA	NA	NA
	• Fireman's Grounding Switch	NA	NA	NA
	• Lift Signage	NA	NA	NA
17	Standby power supply	NA	NA	NA
18	Refuge Area.			
	➤ Total Area	NA	NA	NA
	➤ Location	NA	NA	NA
19	Fire Control Room			
	• Detector System Panel	NA	NA	NA
	• Flow Switch Panel	NA	NA	NA
	• PA System Panel	NA	NA	NA
		NA	NA	NA