

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

No.F.6/DFS/MS/Metro/2022/SZ | 527

Dated: 24/11/2022

FIRE SAFETY CERTIFICATE

Certified that the Najafgarh Underground Station of Dwarka-Najafgarh Corridor Phase-III, New Delhi-110043, comprised of three levels (Undercroft, Platform, Concourse) & Ancillary Building was issued FSC by this department vide letter No. F6/DFS/MS/Assembly(UG)2019/SZ/1841 dated 24/09/2019. The building was re-inspected by the officer concerned of this department on 15/11/2022 in the presence of Sh. Bhirgu Fukan (AM/Fire) and found that the management have deemed complied with the fire prevention and fire safety requirements in accordance with the Rule 33 of the Delhi Fire Service Rules, 2010 and that the building/ premises is fit for occupancy class "Assembly Building D-7" (**Assembly Building**) w.e.f. the date of issue of this certificate 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 printed as below.

Issued on..... 24/11/2022 at New Delhi.


(SUNIL CHAUDHARY)
DY. CHIEF FIRE OFFICER
DELHI FIRE SERVICE

Copy to:-

Sh. Vivek Shrivastava,
JGM/E&M, Delhi Metro Rail Corporation Ltd.,
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. The means of escape shall be kept unlocked and unobstructed for unhindered evacuation of occupants in case of emergency.
3. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
4. The trained staff should be available round the clock.
5. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
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.
8. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in the Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry.

N/2

	<ul style="list-style-type: none"> IS marking 	ISI marked	Provided	M/R
6.	First-Aid Hose Reels			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	01 no. pump room & 01 no chiller plant room, 10 no 's at CL, 08 no 's at PL 30 mtrs 6 mm	Provided Provided Provided	M/R M/R M/R
7.	Automatic fire detection and alarming system			
	<ul style="list-style-type: none"> Type of detectors smoke/heat Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Required Stn Control room Required Required Required	Provided Provided Fireman S/case Provided All areas	MR MR MR MR MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System/Spray nozzle system	Required	Provided	MR
	<ul style="list-style-type: none"> Basement Ground Floor Sprinkler above false ceiling 	Required in storage area & under carriage of platform track side spray nozzles N/A N/A	Provided N/A N/A	MR N/A N/A
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	150/100 mm 01 no. pump room & 01 no chiller plant room, 10 no. 's at CL, 08 no. 's at PL 01 no. pump room & 01 no chiller plant room, 10 no. 's at CL, 08 no. 's at PL	Provided Provided Provided	MR MR MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	01 no. in ancillary bldg. 01 no. in ancillary bldg.	Provided Provided	MR MR
13.	Pumping Arrangements			
	<ul style="list-style-type: none"> Ground Level <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 (Electrical) Standby Pump Head Auto Starting/Manual Stopping Pump House Access Terrace level <ul style="list-style-type: none"> Discharge of pump Head of the pump Power Supply Auto Starting of pump 	1620 LPM 88 mtrs & 75 mtrs Two 180 LPM (02 no 's) 88 mtrs & 75 mtrs 1620 LPM (02 no 's) 88 mtrs & 75 mtrs Required Required N/A N/A N/A N/A	2839 LPM 88 mtrs & 75 mtrs Two 189 LPM (02 no 's) 88 mtrs & 75 mtrs 2839 LPM (02 no 's) 88 mtrs & 75 mtrs Provided Provided N/A N/A N/A N/A	MR MR MR MR MR MR MR MR MR MR N/A N/A N/A N/A
14.	Captive Water Storage for fire fighting			
	<ul style="list-style-type: none"> Underground tank capacity Draw-off connection Fire service inlet Access to tank Overhead Tank capacity 	N/A Required Required Required 50,000 ltrs	N/A Provided Provided Provided 2,00,000 ltrs. provided	N/A M/R M/R M/R M/R
15.	Exit Signage.	Required	Provided	M/R
16.	Provision of Lifts.			
	<ul style="list-style-type: none"> Pressurization of Lift Shaft Pressurization of Lift lobby Communication In lift Car 	N/A N/A Required	N/A N/A Provided	N/A N/A M/R

N/2

	• IS marking	ISI marked	Provided	M/R
6.	First-Aid Hose Reels			
	• Total numbers on each floor	01 no. pump room & 01 no. chiller plant room, 10 no 's at CL. 08 no 's at PL	Provided	M/R
	• Length of hose reel hose	30 mtrs	Provided	M/R
	• Nozzle diameter	6 mm	Provided	M/R
7.	Automatic fire detection and alarming system			
	• Type of detectors smoke/heat	Required	Provided	MR
	• Location of Main Panel	Stn. Control room	Provided	MR
	• Location of Repeater Panel	Required	Fireman S/case	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Required	All areas	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	Required	Provided	MR
10.	Automatic Sprinkler System/Spray nozzle system			
	• Basement	Required in storage area & under carriage of platform track side spray nozzles	Provided	MR
	• Ground Floor	N/A	N/A	N/A
	• Sprinkler above false ceiling	N/A	N/A	N/A
11.	Internal Hydrants			
	• Size of riser/down-comer	150/100 mm	Provided	MR
	• Number of hydrants per floor	01 no. pump room & 01 no. chiller plant room, 10 no 's at CL. 08 no 's at PL	Provided	MR
	• Hose Box	01 no. pump room & 01 no. chiller plant room, 10 no 's at CL. 08 no 's at PL	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	01 no. in ancillary bldg.	Provided	MR
	• Hose Box	01 no. in ancillary bldg.	Provided	MR
13.	Pumping Arrangements			
	• Ground Level			
	➤ Discharge of main Pump	1620 LPM	2839 LPM	MR
	➤ Head of Main pump	88 mtrs & 75 mtrs	88 mtrs & 75 mtrs	MR
	➤ Number of main pumps	Two	Two	MR
	➤ Jockey Pump out put	180 LPM (02 no 's)	189 LPM (02 no 's)	MR
	➤ Jockey pump head	88 mtrs & 75 mtrs	88 mtrs & 75 mtrs	MR
	➤ Standby Pump out put (Electrical)	1620 LPM (02 no 's)	2839 LPM (02 no 's)	MR
	➤ Standby Pump Head	88 mtrs & 75 mtrs	88 mtrs & 75 mtrs	MR
	➤ Auto Starting/Manual Stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	N/A	N/A	N/A
	➤ Head of the pump	N/A	N/A	N/A
	➤ Power Supply	N/A	N/A	N/A
	➤ Auto Starting of pump	N/A	N/A	N/A
14.	Captive Water Storage for fire fighting			
	• Underground tank capacity	N/A	N/A	N/A
	➤ Draw-off connection	Required	Provided	M/R
	➤ Fire service inlet	Required	Provided	M/R
	➤ Access to tank	Required	Provided	M/R
	• Overhead Tank capacity	50,000 ltrs	2,00,000 ltrs. provided	M/R
15.	Exit Signage.	Required	Provided	M/R
16.	Provision of Lifts.			
	• Pressurization of Lift Shaft	N/A	N/A	N/A
	• Pressurization of Lift lobby	N/A	N/A	N/A
	• Communication In lift Car	Required	Provided	M/R

17.

18.

Sta

N/2

M	<ul style="list-style-type: none"> • Fireman's Grounding Switch • Lift Signage 	Required	Provided	M/R
		Required	Provided	M/R
17.	Standby power supply	Required	Provided	M/R
18.	Refuge Area.			
	<ul style="list-style-type: none"> ➤ Total Area ➤ Location 	N/A	N/A	N/A
		N/A	N/A	N/A
19.	Fire Control Room			
	<ul style="list-style-type: none"> • Detector System Panel • Flow Switch Panel • PA System Panel • Battery backup • Building Floor Plans 	Required	Provided	M/R
		Required	Provided	M/R
		Required	Provided	M/R
		Required	Provided	M/R
		Required	Provided	M/R
20.	Special Fire Protection System for Protection of special Risks, if any:	Clean agent fire trace tube system for ASS room Panels	Provided	MR

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

In view of the compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the FSC issued vide letter No. F6/DFS/MS/Assembly(UG)2019/SZ/1841 dated 24/09/2019 renewal under Rule 37 of the Delhi Fire Service Rules 2010 is recommended.

R. K. Yadav
15/11/2022

Signature of Inspecting Officer
Name:- R.K.Yadav
Designation:- Asstt. Divisional Officer

DO (South West)

Dy CPO (S/W)

ADP (S/W)

Dy CPO (S/W)

F T helter co put up for sign please

AS

M. S. Ull

R. K. Yadav
23/11/2022