

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

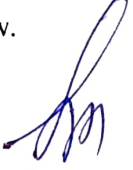
F6/DFS/MS/DMRC/SZ/2022/ 117

Dated: 16/03/2022

FIRE SAFETY CERTIFICATE

Certified that the **Kalindi Kunj Depot. of DMRC, Kalindi Kunj, New Delhi**, comprised of Inspection Bay, workshop, Pit wheel lathe interior cleaning & blow down plant, Electrical substation, Main store A, Canteen, P. way workshop and offices, Time & security office (not in purview of Rule 27) & Cleansers room (not in purview of Rule 27) are comprised of Ground floor only and Inspection offices workshop offices, Depot. Control centre, Main store B & ETU Workshop/DCO building is comprised of Ground & first floor only was granted FSC by this department vide letter no. F6/DFS/MS/Mixed/SZ/2017/942 dated 03.07.2017. The building/premises was re-inspected by Assistant Divisional Officer (M. Road) from this department on 08.03.2022 in presence of Mr. Bhirgu (AM/Fire) and found that the said Depot. of DMRC including Main store -B have deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of Delhi Fire Service Rules, 2010. Accordingly, the premises is fit for occupancy of "**Group Mixed Occupancy (Industrial/Storage/assembly/Business)**" with effect from16/03/2022..... 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 conditions under Rule 38 of Delhi Fire Service Rules, 2010 printed below.

Issued on16/03/2022.....at New Delhi by


(Sunil Chawdhary)
Dy. Chief Fire Officer
Delhi Fire Service

Copy to:-

Mr. Vivek Shrivastava, JGM/E &M,
DMRC Ltd., Metro Bhawean, Fire Brigade Lane, Barakhamba Road, New Delhi-01.

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Conditions for the validity of Fire Safety Certificate

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, 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 www.dfs.delhigovt.nic.in
7. The access around the blocks as submitted in the plans submitted by principal Architect Design plus shall be kept clear of any obstruction for free movement of fire units in case of emergency.
8. 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 month prior to its expiry".
Any change in the occupancy shall be intimated to this Deptt. and approval shall be obtained thereto before occupancy of the same.

INSPECTION REPORT

1	Name & address of the building	Kalindi Kunj Depot of DMRC located at Kalindi Kunj, New Delhi.				
2	Type of occupancy	Mixed occupancy (Industrial/Storage/Assembly/Business)				
3	Type of case	Renewal				
4	Details of previous FSC	F6/DFS/MS/Mixed/SZ/2017/942 dated 03.07.2017				
5	Fire safety direction letter no.	F6/DFS/MS/BP/2015/121 dated 30.04.2015				
6	Date of inspection	08.03.2022				
7	Name of the inspecting officers	Rajesh Kumar Shukla ADO (M. Road)				
8	Name of the designation of officer from the building side	Mr. Bhirgu (AM/Fire)				
9	Year of construction	2017				
10	Applicant's letter no.	DMRC/O&M/Fire/NOC/L-8/2021/02/01 dated 02.02.2022				
Inspection Bay, Workshop, Pit wheel lathe interior cleaning & blow down plant, Electrical Substation, Main store A, Canteen, P. way workshop and offices, Time & security office (not in purview of Rule 27) & Cleaners room (not in purview of Rule 27) are comprised of Ground floor only and Inspection offices, workshop offices, Depot. Control centre, Main store B & ETU Workshop/DCO building is comprised of Ground & 1st floor only.						
S.No	Minimum Standards on fire Prevention and fire safety requirements U/R 33	Requirement/ Existing fire safety arrangements	Provided at Site	Remarks MR/NMR		
1	Access To Building:					
	Road width	12 mtrs	12 mtrs	MR		
	Gate width	4.5 mtrs	2 no. of 7.5 mtrs	MR		
	Width of internal road	6 mtrs	6 mtrs	MR		
2	Number, Width, Type and Arrangement of Exits:					
	A	Number of staircases				
		a Upper floor	Inspection offices - 4 nos. Workshop offices - 4 nos. Depot. Control Centre-3 nos. ETU Workshop/DCO building - 2 nos. Main store B - 2 nos.	Provided Provided Provided Provided Provided	MR MR	
		b Basement	NA	NA	NA	
	B	Width of staircases				
		a Upper floor	1.5 mtrs & 0.75 mtrs	Provided	MR	
		b Basement	NA	NA	NA	
	C	Protection of exits				
		a Fire check door	NA	NA	NA	
		b Pressurization	NA	NA	NA	
	D	No. of continuous staircases to terrace	Inspection offices - nil Workshop offices - nil Depot. Control Centre- 1 no. ETU Workshop/DCO building - 1 no's Main store B - nil	Nil Nil Provided Provided Nil	MR	
	E	Width of corridor	1 m & 2 m	Provided	MR	
	F	Door size				
	3	Compartmentation:				
		A	Fire check door	Required	Provided	MR
		B	Sealing of electrical shafts	Required	Provided	MR
C		Fire rating of shaft door	NA	NA	NA	
D		Water curtain	NA	NA	NA	
E		Fire dampers	NA	NA	NA	
4	Smoke Management System:					
	A	Basement	30 ACPH	NA	NA	
	B	Upper floor	12 ACPH	Provided	MR	

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5. Fire Extinguisher:				
A	Total numbers	120 nos	140 nos.	MR
B	Types	ABC/CO ₂ /W. CO ₂	ABC/CO ₂ /W. CO ₂	MR
C	ISI marking	ISI marked	ISI marked	MR
6 First-Aid-Hose Reels:				
A	Total numbers of each floor	Inspection Bay -4 nos. Inspection office(GF)-4 nos. Inspection office (FF)-4 nos Workshop Bay-3 nos. Workshop office(GF)-4 nos. Workshop office(FF)-4 nos. Lathe interior cleaning & blow down plant- 3 nos. Depot. control center (GF)-2 nos. Depot. control center (FF)-2nos. ETU Workshop/DCO Building (GF)-2nos. ETU Workshop/DCO Building (FF)- 2nos. P.way workshop and offices-01nos. Main store A-01nos. Main store B (GF)-01nos Main store B (FF)-01nos. Canteen-01nos.	Provided	MR
B	Length of hose reel hose	30 mtrs	30 mtrs	MR
C	Nozzle diameter	5mm	5mm	MR
7 Automatic Fire Detection And Alarming System:				
A	Type of detectors	Heat/Smoke/Multi	Provided	MR
B	Location of main panel	SCR in DCC building	Ground floor	MR
C	Location of repeater panel	PPIO Room & Time & Security office	Provided	MR
D	Alternate source of power	Required	Provided	MR
E	Hooters	Required	All floors	MR
8	MOEFA:	Required	Provided	MR
9	Public Address System:	NA	Provided	NA
10 Automatic Sprinkler System:				
A	Basement	NA	NA	NA
B	Upper floor	Depot. Control Center, Main Store-A, Main store-B,& Store of other building	Provided	MR
C	Sprinkler above false ceiling	NA	NA	NA
11 Internal Hydrants:				
A	size of riser/down-comer	100mm	Provided	MR
B	Number of hydrants per floor	Inspection Bay- 8 nos. Work Shop Bay- 6 nos. Internal Cleaning Building- 3 nos. P Way Building- 01 nos. DCC Building (GF) - 02 nos. DCC Building (FF) - 2 nos. Inspection Offices (GF) - 4 nos. Inspection Offices (FF) - 4 nos. Work Shop Offices (GF) -4 nos. Work Shop Offices (FF) - 4 nos. ETU Workshop (GF) - 01 nos. ETU Workshop (FF) - 01 nos. Main Store B (GF)-01 nos. Main Store B (FF)- 01 nos. Canteen- 01 nos.	Provided	MR
C	Hose box	Same as above	Provided	MR
12 Yard Hydrants:				
A	Total number of hydrants	66 nos.	Provided	MR
B	Hose box	66 nos.	Provided	MR

Kalindi Kunj Depot of DMRC located at Kalindi Kunj, New Delhi

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13 Pumping Arrangements:				
A	Ground level			
a)	Discharge of main pump	2850 LPM	Provided	MR
b)	Head of main pump	80 mtrs	Provided	MR
c)	Number of main pumps	2 nos	Provided	MR
d)	Jockey pump out put	180 LPM	Provided	MR
e)	Jockey pump head	80 mtrs	80 mtrs.	MR
f)	Standby pump out put	2850 LPM	2850 LPM (electric)	MR
g)	Standby pump head	80 mtrs	Provided	MR
h)	Auto starting /manual stopping	Required	Provided	MR
i)	Pump house access	Required	Provided	MR
B	Terrace level			
a)	Discharge of pump	NA	NA	NA
b)	Head of the pump	NA	NA	NA
c)	Power supply	NA	NA	NA
d)	Auto starting of pump	NA	NA	NA
14 Captive Water Storage For Fire Fighting:				
A	Underground tank capacity	2,00,000 Ltrs.	2,00,000 Ltrs.	MR
B	Draw-off connection	Required	Provided	MR
C	Fire service inlet	Required	Provided	MR
D	Access to tank	Required	Provided	MR
E	Overhead tank capacity	25,000 Ltrs.	Provided	MR
15	Exit Signage:	Required	Provided	MR
16 Provision of Lifts:				
A	Pressurization of lift shaft	NA	NA	NA
B	Pressurization of lift lobby	NA	NA	NA
C	Communication in lift car	NA	NA	NA
D	Firemen's grounding switch	NA	NA	NA
E	Lift signage	NA	NA	NA
17	Standby Power Supply:	Required	Provided	MR
18 Refuge Area:				
A	Total area	NA	NA	NA
B	Location	NA	NA	NA
19 Fire Control Room :				
A	Detector system panel	NA	NA	NA
B	Flow switch panel	NA	NA	NA
C	Pa system panel	NA	NA	NA
D	Battery backup	NA	NA	NA
E	Building floor plans	NA	NA	NA
20	Special Fire Protection Systems For Protection of Special Risks, If Any:	Required	Gas flooding system is in sub-station & polymer tube detection based CO ₂ system for important electric panels	MR

Meeting Requirement (MR), Not Meeting Requirement (NMR), Not Applicable (NA), Provided but Not Functional (PNF), Not Provided (NP).

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

Keeping in view of the deemed compliance of minimum standards of fire prevention and fire safety measures as required under the Rules, the FSC issued vide letter no. F6/DFS/MS/Mixed/SZ/2017/942 dated 03.07.2017 is recommended to be renewed under Rule 37 of the Delhi Fire Service Rules 2010.

[Handwritten Signature]
09/12/22

Signature of the Inspecting Officer

Name Rajesh Kumar Shukla

Designation ADO (M. Road)

DO (SD)
[Handwritten Signature]

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