



No.F6/DFS/MS/Industrial/SZ/2024/ 603

Dated: 03/10/2024

FIRE SAFETY CERTIFICATE

Certified that the M/s Mirkana Engineering Pvt. Ltd., located at Plot No. A-19, MCIE, Mathura Road, Delhi-44, comprised of Two tier Basement + Ground + 2 upper floors was granted Fire Safety Certificate by this department vide letter no. F6/DFS/MS/Indl/SZ/2021/78 dated 01.02.2021. The building was re-inspected by a team of officer concerned of this department on 27.09.2024 in the presence of Sh. Sunil Sharma (G.M) and found that the building now comprised of Two tier Basements + Ground + 02 upper floors + Half of the terrace covered with semi pacca structure. The Building/premises has 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 G- "Industrial Building" with effect from 03/10/2024..... 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 on 03/10/2024.....at New Delhi by

(Atul Garg)
Director

Delhi Fire Service

Copy to:-

1. The Executive Engineer (Building), MCD, Jal Vihar, Lajpat Nagar, New Delhi-24.
2. The Owner/occupier, M/s Mirkana Engineering Pvt. Ltd., located at Plot No. A-19, MCIE, Mathura Road, Delhi-44.

Conditions for the validity of Fire Safety Certificate

1. 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
2. All the means of escape shall be kept free of all the type of obstruction all the time.
3. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
4. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
5. The clarification with regards electrical installation, ventilation, structure stability set back areas, occupancy and constructional deviation in building etc .may be got verified from the authorities concerned.
6. Basement shall be used as per NBC/UBBL.
7. This Fire Safety Certificate cannot be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
8. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on www.dfs.delhigovt.nic.in.

INSPECTION REPORT

1	Name & address of the building	M/s Mirkana Engineering Pvt. Ltd., located at A-19, MCIE, Mathura Road, Delhi-44.			
2	Building is comprised of	2 tier Basements + Ground + 02 upper floors + Half terrace covered with temporary/semi pacca construction for kitchen canteen, recreational activities and conference room			
3	Type of occupancy	Group G- Industrial building + Assembly (in-house)			
4	Type of case	Renewal			
5	Details of previous FSC	F6/DFS/MS/Indl/SZ/2021/78 dated 01.02.2021			
6	Fire safety directive letter no.	F6/DFS/MS/BP/2009/2209 dated 23.07.2009			
7	Date of inspection	27.09.2024			
8	Name of the inspecting officers	Manoj Kumar Sharma, DO (SD) & Rajesh Kumar Shukla, ADO (M. Road)			
9	Name of the designation of officer From the building side	Sh. Sunil Sharma (G.M)			
10	Year of construction	2009			
11	Applicant's letter no.	Outdoor diary no. 08 dated 01.04.2024			
S. No	Minimum standard of Fire Prevention and Fire Safety U/R 33	Requirements NBC/BBL	Provide at site	Remarks MR/NMR	
1	Access to Building				
	A	Road width	Required	About on road	MR
	B	Gate width	5.0 mtrs	Provided	MR
	C	Width of internal roads	NA	NA	NA
2	Number, Width, Type & Arrangement of Exits				
	A	No. of staircase:			
		a) Upper floor	03 nos.	Provided	MR
		b) Basements	02 nos. + 2 ramp	3 nos. + 2 ramp	MR
	B	Width of the staircase:			
		a) Upper floors	1.25 mtrs & 2.0 mtrs	2.0 mtrs. x 2 nos. & 1.25 mtrs.	MR
		b) Basements	1.25 mtrs.+ 4.0 mtrs (ramp)	2.0 mtrs. x 2 nos. & 1.25 mtrs. & Ramp - 4.0 mtrs. each	MR
	C	Protection of Exits			
		a) Fire check door	Required	Provided	MR
		b) Pressurization	NA	NA	NA
	D	No. of continuous staircase to terrace:	03 nos.	Provided	MR
	E	Width of the corridor	NA	NA	NA
	F	Door size	1.5 mtrs and 1.25 mtrs	Provided	MR
3	Compartmentation:				
	A	Fire check doors	Required	Provided, Fire curtains provided in the basement lift shaft	MR
	B	Sealing of horizontal & vertical opening	Required	Provided	MR
	C	Fire rating of shaft doors	NA	NA	NA
	D	Water curtain	Required	Provided	MR
	E	Fire dampers	NA	NA	NA
4	Smoke Management System:				
	A	Basements	Required	Provided	MR
	B	Upper floors	Required	Provided	MR
5	Fire Extinguishers				
	A	Total numbers	16 nos.	20 nos.	MR
	B	Types	CO ₂ , W.CO ₂ , ABC	4/8/8	MR
	C	ISI marking	Required	Provided	MR

6	First Aid Hose Reel			
A	Total no. at each floor	2 nos.	2 nos.	MR
B	Length of hose reel	30 mtrs	30 mtrs	MR
C	Nozzle diameter	5 mm	5 mm	MR
7	Automatic Fire Detection and Alarm System (ADAS)			
A	Type of detectors	Smoke & Heat	Provided	MR
B	Location of main Panel	Entrance Lobby	Provided	MR
C	Location of repeater panel	NA	NA	NA
D	Alternate power source	Required	Provided	MR
E	Hooter's location	Every floor	Provided	MR
8	MOEFA			
9	Public Address System			
		NA	Provided	NA
10	Automatic Sprinkler System			
A	Basement	Required	Provided	MR
B	Ground & Upper floors	Required	Provided	MR
C	Sprinklers above false ceiling	NA	NA	NA
11	Internal Hydrants			
A	Size of the riser/down comer	100 mm	100 mm	MR
B	No. of hydrants per floor	2 nos.	Provided	MR
C	Hose box	2 nos.	Provided	MR
12	Yard Hydrants			
A	Total no. of hydrants	Required	04 nos.	MR
B	Hose box	Required	04 nos.	MR
13	Pumping Arrangements			
A	Ground Level			
a)	Discharge & head of main pump	2280 LPM & 70 mtrs	Provided	MR
b)	Number of main pump	1 no.	Provided	MR
c)	Discharge & head of jockey pump	180 LPM & 70 mtrs	Provided	MR
d)	Discharge & head of Standby pump	2280 LPM & 70 mtrs	Provided	MR
e)	Auto starting/ manual stopping	Required	Provided	MR
B	Terrace Level			
a)	Discharge of terrace pump	900 LPM	900 LPM	MR
b)	Head of terrace pump	40 m	40 m	MR
c)	Alternate power supply	Required	Provided	MR
d)	Auto starting of pump	Required	Provided	MR
14	Captive Water Storage for Fire Fighting			
A	Underground tank capacity	1,00,000 ltrs	Provided	MR
B	Draw off connection	Required	Provided	MR
C	Fire Service Inlet	Required	Provided	MR
E	Access to tank	Required	Provided	MR
D	Overhead tank capacity	20,000 ltrs	Provided	MR
15	Exit Signage			
		Required	Provided	MR
16	Provision of lift			
A	Pressurization of lift shaft	Required	Provided	MR
B	Pressurization of lift lobby	NA	NA	NA
C	Communication in lift car	Required	Provided	MR
D	Fireman switch	Required	Provided	MR
E	Lift signage	Required	Provided	MR
17	Standby Power Supply			
		Required	Provided	MR

18 Refuge Area				
A	location	NA	NA	NA
B	Total area	NA	NA	NA
19 Fire Control Room				
A	Fire Detection System panel	NA	NA	NA
B	Flow switch panel	NA	NA	NA
C	P A system panel	NA	NA	NA
D	Battery backup	NA	NA	NA
E	Building floor plan	NA	NA	NA
20 Special Fire Protection for special risk if any				
A	Special Fire Protection system for Protection of Special Risk, if any:	Required	04 nos. Provided CO ₂ type extinguisher near elect. panel	MR


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

Note: As directed by the competent authority at N/15, the requirements of the assembly occupancy was checked for compliance at terrace floor for assembly occupancy which was readily met by the existing fire protection system.


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

The shortcoming issued to the building by this department vide letter no. F6/DFS/MS/Industrial/SZ/2024/254 dated 10.05.2024 has been rectified by the management.

If agreed to the note above and 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/Indl/SZ/2021/78 dated 01.02.2021 is recommended to be renewed under Rule 37 of the Delhi Fire Service Rules 2010.



Signature of the Inspecting Officer
Name Manoj Kumar Sharma
Designation DO (SD)



Signature of the Inspecting Officer
Name Rajesh Kumar Shukla
Designation ADO (M. Road)

CFO
10/10/2024
Director
