

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

No.F6/DFS/MS/WZ/ 2018/1617

Dated: 11/7/18

FIRE SAFETY CERTIFICATE

Certified that the **Mirkana Engineering Pvt. Ltd.** Located at 21-A Najafgarh Road, Industrial Area, Near Moti Nagar, New Delhi-110015 in a building comprised of Basement + Ground + 01 Upper Floor was issued FSC vide Letter no. F6/DFS/MS/2005/2072 dated 04/10/2005. The premises was re inspected by the officers concerned of this department on **28/06/2018** in the presence of **Sh. Abhijit Chakraborty (Manager-H.R.)** 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 Rule, 2010 and that the premises is fit for occupancy class "Industry" Group G with effect from 11/7/18 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.

Issued on11/7/18..... at New Delhi by.

(Atul Garg)
Chief Fire Officer
Delhi Fire Service.

Copy to:

1. The Authorized Signatory,
Mirkana Engineering Private Limited
A-19 Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110015.

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. Any loss of life or property due to non-functional fire safety measures shall be at the risk and responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviations w.r.t. construction shall be verified by the concerned building sanctioning agency.
5. The certificate may not be treated in any case for the regularization of the unauthorized construction, if any.
6. Basement shall be used strictly as per Building Bye Laws.
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.
8. 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.

INSPECTION REPORT

1. Name & address of the building: **Mirkana Engineering Pvt. Ltd.** Located at 21 A Najafgarh Road, Industrial Area, Near Moti Nagar, New Delhi-110015
2. Type of Occupancy : Industrial (Basement + Ground+01Upper Floor) Height = 10.2m.
3. Type of Case : Renewal
4. Details of previous NOC : F6/DFS/MS/2005/2072 dated 04/10/2005
5. Fire Safety directives Letter No. : F6/DFS/MS/BP/2003/316 dated 07/02/2003
6. Date of inspection : 28-06-2018
7. Name of the Inspecting Officer : Mukesh Verma DO (West)
8. Name and designation of Officer
from the building side : Sh. Abhijit Chakraborty (Manager-H.R.)
9. Year of Construction : 2005
10. Applicant's letter No. : Nil dated 24/05/2018

S No	Minimum standards on fire prevention and fire safety U/R 33	BBL Requirements	Provided at site	Remarks MR/NMR
1.	Access of building			
	Road width	18 m	Provided	MR
	Gate width	5 m	5 m Provided	MR
	Width of internal road	NA	NA	NA
2.	Number, width, Type & Arrangements of exits			
	Number of staircases			
	Upper floors	2	2 Provided	MR
	Basements	2	2+ 1 ramp Provided	MR
	Width of staircases			
	Upper floors	1.25m	1.20m & 1.30 m Provided	MR (being old case)
	Basements	1.25m	1.20m & 1.30 m Provided	MR (being old case)
	Protection of exits			
	Fire check door	Required	Provided	MR
	Pressurization	NR	NR	NR
	No of continuous staircase to terrace	1	2 Provided	MR
	Width Of Corridor	NA	NA	NA
	Door Size	1m	1m Provided	MR
3.	Compartmentation			
	Fire check door	Required	Provided	MR
	Sealing of electrical shafts	NR	NR	NR
	Fire Rating of shaft door	NR	NR	NR
	Water Curtain	NA	NA	NA
	Fire Dampers	NA	NA	NA

4.	Smoke managements System			
	• Basements	Required	Provided	MR
	• Upper floors	Required	Provided	MR
5.	Fire Extinguishers			
	• Total numbers	20 nos.	20 nos. Provided	MR
	• Types	ABC & CO ₂	Provided	MR
	• IS marking	ISI marked	Provided	MR
6.	First – Aid Hose Reels			
	• Total numbers on each floor	01	01 Provided	MR
	• Length of hose reel hose	30 m	30 Provided	MR
	• Nozzle diameter	5 mm	5 mm Provided	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	Smoke & Heat	Provided	MR
	• Location of Main Panel	Required	Provided	MR
	• Location of Repeater Panel	Required	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	Required	Provided	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	NA	NA	NA
10.	Automatic Sprinkler System			
	• Basements	Required	Provided	MR
	• Upper Floor	Required	Provided	MR
	• Sprinkler above false ceiling	NR	NR	NR
11.	Internal Hydrants			
	• Size of riser/down-comer	100 mm	100 mm Provided	MR
	• Number of hydrants per floor	01	01 Provided	MR
	• Hose Box	01	01 Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	02	Provided	MR
	• Hose Box	02	Provided	MR
13.	Pumping Arrangements			
	• Ground Level			
	• Discharge of main pump	1620 lpm	1620 lpm Provided	MR
	➤ Head of main pump	40 m	40 m Provided	MR
	➤ Number of main pumps	1	1 Provided	MR
	➤ Jockey pump out put	180 lpm	180 lpm Provided	MR
	➤ Jockey pump head	60 m	60 Provided	MR
	➤ Standby Pump out put	1620 lpm	1620 lpm Provided	MR
	➤ Standby Pump Head	40 m	40 m Provided	MR
	➤ Auto Staring/Manual stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	900 lpm	900 lpm Provided	MR
	➤ Head of the pump	40 m	40 m Provided	MR
	➤ Power supply	Required	Provided	MR

	➤ Auto starting of pump	Required	Provided	MR
14.	Captive water Storage for fire fighting			
	• Under ground tank capacity	25,000 litres	Provided	MR
	➤ Draw of connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	20, 000 litres	20, 000 litres Provided	MR
15	Exit Signage	Required	Provided	MR
16.	Provision of Lifts			
	➤ Pressurization of Lift Shaft	NR	NR	NR
	➤ Pressurization of lift lobby	NR	NR	NR
	➤ Communication in lift Car	NR	NR	NR
	➤ Fireman's Grounding Switch	NR	NR	NR
	➤ Lift Signage	NR	NR	NR
17.	Standby power supply	Required	Provided	MR
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
	➤ Battery backup	NA	NA	NA
	➤ Building Floor Plans	NA	NA	NA
20.	Special Fire Protection Systems for Protection of special Risks, if any;	NA	NA	NA

The fire protection systems provided in the building were test checked and found functional at the time of inspection. Keeping in view the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the NOC vide letter No. F6/DFS/MS/2005/2072 dated 04/10/2005 renewal under rule 35 of the Delhi Fire Service rule 2010 is recommended

Signature of the Inspecting Officer
Name : Mukesh Verma
Designation D.O. (West)

Mukesh Verma 2/7/18
Dy. CPO (W2)
CPO. West 5/10/17
5/17/18

DO (West) F.T./FSL is put up for signature please.
Mukesh Verma