

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


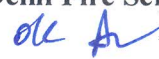
No. F.6/DFS/MS/Indl./SZ/2021/ 78

Dated: 01/02/2021

**FIRE SAFETY CERTIFICATE**

Certified that M/s Mirkana Engineering Pvt. Ltd., located at A-19, MCIE, Mathura Road, Delhi in a building comprised of Double Basement + Ground + 2 Upper floors was granted FSC by this department vide letter No. F.6/DFS/MS/2011/786 dated 29/04/2011. The premises was re-inspected by officer concerned of this department on 25/01/2021 in the presence of Mr. Sunil Sharma (GM) and found that the said industrial building have complied with the fire prevention and fire safety requirements in accordance with rule 33 of Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class G "Industrial Building" with effect from 01/02/2021 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 on 01/02/2021 at New Delhi by.

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


Copy to: -

1. M/s Mirkana Engineering Pvt. Ltd., located at A-19, MCIE, Mathura Road, Delhi
2. The Executive Engineer (Bldg), SDMC, Jal Vihar, Lajpat Nagar, New Delhi 110024.

**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](http://www.dfs.delhigovt.nic.in).

1	Name & Address of the Building	M/s Mirkana Engineering Pvt. Ltd., at A-19, MCIE, Mathura Road, Delhi		
2	Type of Occupancy	Group-G (Industrial)		
3	Building Comprised of	Double Basement + Ground + 2 Upper floors		
4	Type of Case	Renewal		
5	Details of Previous NOC	F.6/DFS/MS/2011/786 dated 29/04/2011		
6	Fire Safety Directives Letter No	F.6/DFS/MS/BP/2009/2209 DATED 23/07/2009		
7	Date of Inspection	25/01/2021		
8	Name of the Inspecting Officers	ADO Avtar Singh		
9	Name & Designation of Officers from the building side	Mr. Sunil Sharma (GM) <i>sz</i>		
10	Year of construction	2009		
11	Applicant letter No.	Email dated /01/2021		
<b>S. No</b>	<b>Minimum standards on Fire Prevention and Fire Safety U/R 33</b>	<b>BBL/NBC Requirement</b>	<b>Provided at Site</b>	<b>Remarks MR/NMR</b>
<b>1</b>	<b>Access to Building.</b>			
	➤ Road width	Required	Abut on road	MR
	➤ Gate width	5 m	Provided	MR
	➤ Width of internal road	-NA-	-NA-	-NA-
<b>2</b>	<b>Number, width, type &amp; arrangement of exits.</b>			
	<b>a) Number of Staircase</b>			
	➤ Upper floors.	Three	Provided	MR
	➤ Basement floor.	Two+ Two (ramp)	3 + 2 ramp	MR
	<b>b) Width of Staircase</b>			
	➤ Upper floors	1.25 m	1.96 (2 nos) & 1.25 (01 nos)	MR
	➤ Basement floor	1.25 m + 4 m (ramp)	1.96 (2nos) , 1.25 m (01 nos) & ramp ( 4 m each)	MR
	<b>c) Protection of exits</b>			
	➤ Fire check door	Required	Provided	MR
	➤ Pressurization	-NA-	-NA-	-NA-
	<b>d) No. of continuous staircase to terrace</b>	Three	Provided	MR
	<b>e) Width of corridor</b>	-NA-	-NA-	-NA-
	<b>f) Door size</b>	1 m	1 m (Final exit)	MR
<b>3</b>	<b>Compartmentation.</b>			
	• Fire check door.	Required ✓	Provided ✓	MR ✓
	• Sealing of electrical shafts.	Required	Provided	MR
	• Fire rating of shaft door.	-NA-	-NA-	-NA-
	• Water curtain	Required	Provided	MR
	• Fire dampers.	-NA-	-NA-	-NA-
<b>4.</b>	<b>Smoke Management system.</b>			
	• Basement	30 ACPH	M.V Provided	MR
	• Upper floors	12 ACPH	Natural ventilation	MR
<b>5.</b>	<b>Fire Extinguishers.</b>			
	• Total numbers	16 Nos	20 nos	MR
	• Types	ABC/W.CO <sub>2</sub> /CO <sub>2</sub>	8/8/4 ✓	MR
	• ISI Marking	ISI marked	CO <sub>2</sub> -10Nos	MR
<b>6.</b>	<b>First Aid Hose Reels.</b>			

	<ul style="list-style-type: none"> <li>Total numbers on each floor</li> </ul>	Two	Provided	MR
	<ul style="list-style-type: none"> <li>Length of hose-reel hose.</li> </ul>	30m	Provided	MR
	<ul style="list-style-type: none"> <li>Nozzle Diameter</li> </ul>	5mm	Provided	MR
<b>7</b>	<b>Automatic fire detection &amp; alarming system.</b>			
	<ul style="list-style-type: none"> <li>Type of detectors</li> </ul>	Smoke & Heat	Provided	MR
	<ul style="list-style-type: none"> <li>Location of Main Panel</li> </ul>	Entrance Lobby	Provided	MR
	<ul style="list-style-type: none"> <li>Location of Repeater Panel</li> </ul>	-NA-	-NA-	-NA-
	<ul style="list-style-type: none"> <li>Alternate source of power</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Hooter's location</li> </ul>	Every floor	Provided	MR
<b>8.</b>	<b>MOEFA</b>	Required	Provided	MR
<b>9.</b>	<b>Public Address System</b>	-NA-	Provided	-NA-
<b>10.</b>	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>Basement.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Ground &amp; Above floors</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Sprinkler above false ceiling</li> </ul>	-NA-	-NA-	-NA-
<b>11.</b>	<b>Internal Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Size of Riser / Down-comer</li> </ul>	100 mm	100mm	MR
	<ul style="list-style-type: none"> <li>Number of Hydrant per floor</li> </ul>	Two	Provided	MR
	<ul style="list-style-type: none"> <li>Hose box.</li> </ul>	Two	Provided	MR
<b>12.</b>	<b>Yard Hydrants</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> </ul>	Required	04 nos	MR
	<ul style="list-style-type: none"> <li>Hose box</li> </ul>	Required	04 nos	MR
<b>13.</b>	<b>Pumping arrangements.</b>			
	<ul style="list-style-type: none"> <li><b>Ground Level</b></li> </ul>			
	<ul style="list-style-type: none"> <li>➤ Discharge of main pump.</li> </ul>	2280 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Head of main pump.</li> </ul>	70 m	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Number of main pumps.</li> </ul>	One	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Jockey Pump output.</li> </ul>	180 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Jockey Pump head.</li> </ul>	70 m	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Standby Pump output.</li> </ul>	2280 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Standby Pump head.</li> </ul>	70 m	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Auto Starting/Manual Stopping.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Pump house access</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li><b>Terrace Level</b></li> </ul>			
	<ul style="list-style-type: none"> <li>➤ Discharge of pump.</li> </ul>	900 LPM	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Head of pump.</li> </ul>	40 m	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Power supply.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Auto starting of pump.</li> </ul>	Required	Provided	MR
<b>14.</b>	<b>Captive water storage for firefighting.</b>			
	<ul style="list-style-type: none"> <li>Underground tank capacity.</li> </ul>	1,00,000 ltrs	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Draw-off connection.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Fire Service Inlet.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>➤ Access to tank.</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Overhead tank capacity.</li> </ul>	20,000 ltrs	20,000 ltrs	MR
<b>15.</b>	<b>Exit Signage.</b>	Required	Provided	MR
<b>16.</b>	<b>Provision of Lifts.</b>			

	<ul style="list-style-type: none"> <li>Communication in lift car.</li> <li>Fireman's switch.</li> <li>Lift signage.</li> </ul>	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	<b>Standby Power Supply</b>	Required	Provided	MR
18.	<b>Refuge Area</b>			
	<ul style="list-style-type: none"> <li>Total area</li> <li>Location</li> </ul>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
19.	<b>Fire Control Room.</b>			
	<ul style="list-style-type: none"> <li>Detector System Panel.</li> <li>Flow Switch Panel.</li> <li>PA system Panel.</li> <li>Battery backup</li> <li>Building floor plan</li> </ul>	-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
		-NA-	-NA-	-NA-
20.	<b>Special Fire Protection System for the Protection of special Risk, if any.</b>	Required	04 nos Provided CO <sub>2</sub> type extinguisher near elect. panel	MR

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

The shortcoming communicated vide letter no. F.6/DFS/MS/SZ/2018/2662 dated 21/06/2018 found complied.

Keeping in view of the substantial compliance of the minimum standards of fire prevention and fire safety measures as required under the rules of NOC issued vide letter no. F.6/DFS/MS/2011/786 dated 29/04/2011, renewal under rule 37 of the Delhi Fire Service rule 2010 is recommended.

Accordingly DFA is put up for approval and signature please.

*Avtar Singh*  
27/01/2021

Signature of the Inspecting Officer  
Name : Avtar Singh  
Designation: ADO (M.RD)

DO (SD)

*R.V.P.*  
27/01

*Defo(SZ)*

*F.T. please*

*(Avtar Singh)*

*FT letter is put up for sign please*

*Defo(SZ)*

*Avtar Singh*  
28/01/2021