

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEAD QUARTERS: DELHI FIRE SERVICE: NEW DELHI-110001.**

No. F6/DFS/MS/ 2012/3121

Dated 28/08/2012

**FIRE SAFETY CERTIFICATE**

Certified that M/s **Morgan Infrastructures Developers Pvt Ltd, Plot No. A-17, Mohan Cooperative Industrial Estate, New Delhi**, comprised of double basement, ground plus two upper Floors **Owned/Occupied** by Morgan Infrastructures Pvt. Ltd. was granted NOC by this department vide letter No. F.6/DFS/MS/BP/2008/2096 dated 23.07.2008. The premises was re-inspected by the officer concerned of Delhi Fire Service on 23.08.2012 in the presence of Mr. Pratap Singh, Purchase Manager and observed that fire safety norms as required under Rule 33 of Delhi Fire Service Rules, 2010 are deemed complied and that the building/premises is fit for occupancy class "**Industrial building**" with effect from .....28/08/2012... 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 Rule, 2010.

Issued on .....28/08/2012..... at New Delhi by



CHIEF FIRE OFFICER  
DELHI FIRE SERVICE

g/c  
Muc

**Copy to:**

1. The Executive Engineer (Bldg.),  
Building Department (HQ), MCD, Town hall, New Delhi.
2. Authorised Signatory, Morgan Infrastructures Pvt Ltd,  
A-17, Mohan Cooperative Industrial Estate, New Delhi-44

**Conditions for the validity of Fire Safety Certificate**

1. All the Fire Safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities non-functional shall be the responsibility of the management.
2. Building Sanctioning Authority may verify any deviation with regard to the construction/occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
3. The staff shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
4. The Basement shall be used strictly as per the provisions of Building Bye Laws.
5. 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](http://www.dfs.delhigovt.nic.in)

## INSPECTION REPORT

1. Name & address of the building : MORHAN INFRASTRUCTURES DEVELOPERS PVT LTD.  
 : A-17 Mohan co-operative Industrial  
 : estat M. DOENI 110044
2. Type of Occupancy : Industrial
3. Type of Case : Renewal
4. Details of previous NOC : F6/DFS/MS/BP/2008/2096 Dt. 23-07-2008
5. Fire Safety Directives letter No : F6/DFS/MS/BP/2007/1596 dt 15/7
6. Date of Inspection : 23-8-12
7. Name of the Inspecting Officer : Rajesh Wadhwa
8. Name and designation of the Officers from the building side : MR PRATAP SINGH Purchase manager.
9. Year of Construction : 1994
10. Applicant's letter No. : NIL

S. No.	Minimum Standards on Fire Prevention and Fire Safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1	<b>Access to building</b>			
	• Road width	30mts	30mts	M/R
	• Gate width	5mts	5mts	M/R
	• Width of internal road	NA	NA	NA
2	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	• Number of Staircase			
	➤ Upper floors	2	2 in each floor	M/R
	➤ Basement <u>double basement + RAMP</u>	2 staircases in each basement	2 in each fl.	M/R
	• Width of Staircase			
	➤ Upper floors	2 NOS 1.6mts each	2 NOS 1.6mts each	M/R
	➤ Basement <u>double basement + RAMP</u>	2 NOS 1.6mts each	2 NOS 1.6mts each	M/R
	• Protection of Exits			
	➤ Upper floors	Required	Provided	M/R
	➤ Basement	Required	Provided	M/R
	• No of Continuous Staircases to terrace	1	1	M/R
	• Width of Corridor	NA	NA	NA
	• Door Size / Width	NA	NA	NA



<b>3</b>	<b>Compartmentation</b>			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Sealing of electrical shafts</li> <li>• Fire rating of shaft door</li> <li>• Water curtain</li> <li>• Fire Dampers</li> </ul>	Required NA NA NA NA	Provided NA NA NA NA	MIR MIR MIR MIR MIR
<b>4</b>	<b>Smoke Management System</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> <li>• Upper Floors</li> </ul>	30 A/c Per hr 12 A/c Per hr	30 A/c Per hr 12 A/c Per hr	MIR MIR
<b>5</b>	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>• Total Number</li> <li>• Types</li> <li>• IS marking</li> </ul>	$\frac{=1}{300 m^2}$ ABC / CO2 ISI mark	36 Nos 18 CO2, 18 ABC Yes	MIR MIR MIR
<b>6</b>	<b>First-Aid Hose Reels</b>			
	<ul style="list-style-type: none"> <li>• Total Number on each floor</li> <li>• Length of hose reel hose</li> <li>• Nozzle diameter</li> </ul>	3 /Per Floor 30 m 5mm	3 Per floor 30 m 5 mm	MIR MIR MIR
<b>7</b>	<b>Automatic Fire Detection and Alarming System</b>			
	<ul style="list-style-type: none"> <li>• Type of detectors</li> <li>• Location of Main Panel</li> <li>• Location of Repeater Panel</li> <li>• Alternate source of power</li> <li>• Hooter's Location</li> </ul>	Smoke 4 ground floor NA 220 KVA NA	Smoke Ground floor NA 220 KVA NA	MIR MIR NA 220kv MIR NA
<b>8</b>	<b>MOEFA</b>	Required	Provided	MIR
<b>9</b>	<b>Public Address System</b>	Required	Provided	MIR
<b>10</b>	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>• Basement</li> <li>• Upper Floor</li> <li>• Sprinkler above false ceiling</li> </ul>	Required Required NA	Provided Provided NA	MIR MIR NA
<b>11</b>	<b>Internal Hydrant</b>	NA		
	<ul style="list-style-type: none"> <li>• Size of riser/down comer</li> <li>• Number of hydrants per floor</li> <li>• Hose Box</li> </ul>			
<b>12</b>	<b>Yard Hydrant</b>			
	<ul style="list-style-type: none"> <li>• Total Number of hydrants</li> <li>• Hose Box</li> </ul>	5 Nos 5 Nos	5 Nos 5 Nos	MIR MIR



<b>13</b>	<b>Pumping Arrangements</b>			
	Ground Level			
	➤ Number of main pump	1	1	MIR
	➤ Discharge of main pump	2280 LPM	2280 LPM	MIR
	➤ Head of main pump	40 mts	40 mts	MIR
	➤ Jockey pump out put	180 LPM	180 LPM	MIR
	➤ Jockey pump Head	40 mts	40 mts	MIR
	➤ Standby pump out put	2280 LPM	2280 LPM	MIR
	➤ Standby Pump Head	40 mts	40 mts	MIR
	➤ Auto Starting/Manual stopping	Auto	Auto	MIR
	➤ Pump House Access	required	Provided	MIR
	Terrace level			
	➤ Discharge of pump	900 LPM	900 LPM	MIR
	➤ Head of the pump	25 mts	25 mts	MIR
	➤ Power Supply	220 KVA	220 KVA	MIR
	➤ Auto starting /Manual stopping	Auto	Auto	Auto
<b>14</b>	<b>Captive Water Storage for Fire Fighting</b>			
	• Underground tank capacity	1,00,000 Lts	1,00,000 Lts	MIR
	➤ Draw-off connection	Required	provided	MIR
	➤ Fire service inlet	Required	provided	MIR
	➤ Access to tank	Required	provided	MIR
	• Overhead tank capacity	20,500 Lts	24,500 Lts	MIR
<b>15</b>	<b>Exit Signage</b>	Required	provided	MIR
<b>16</b>	<b>Provision of Lifts</b>			
	• Pressurization of Lift Shaft	Required	provided	MIR
	• Pressurization of Lift lobby	NA	NA	NA
	• Communication in lift Car	Required	provided	MIR
	• Fireman's Grounding Switch	Required	provided	MIR
	• Lift Signage	Required	provided	MIR
<b>17</b>	<b>Standby Power Supply</b>	220 KVA	220 KVA	MIR
<b>18</b>	<b>Refuge Area</b>			
	• Total Area	NA		
	• Location	/ / /		
<b>19</b>	<b>Fire Control Room</b>			
	• Detector System Panel	/ / /		
	• Flow Switch Panel	/ / /		
	• PA System Panel	/ / /		
	• Battery back up	/ / /		
	• Building Floor Plans	/ / /		

	Special Fire Protection System for Protection of special risk, if any	UAGC fire ext	UARC fire ext	MIR
--	---	---------------	---------------	-----

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

Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules , It is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010 / issue shortcomings as noted at serial Number



**Signature of Inspecting Officer**

**Name : RAJAN WADEHRA**

**Designation: A. D. O. (M.Rd.)**