

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110 001

No. F.6/DFS/MS/GH/2016/ 52/1293

Dated: 18/08/16

FIRE SAFETY CERTIFICATE

Certified that the Staff housing, Phase-III of DMRC located at Sarita Vihar is comprised of two Blocks each only having Stilt + 7 Upper floors was inspected by the officer concerned of this department on 01/08/2016 in the presence of Mr. S. K. Rajoria (Dy. CEE) and found that the said apartment buildings have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class **Group- A Apartment Building (flats)** with effect from 18/08/2016 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....18/08/16.....at New Delhi by.

18/08/16  
(Vipin Kental)  
Chief Fire Officer  
Delhi Fire Service

Copy to:-

- |                        |   |
|------------------------|---|
| 1. The Chief Architect | } Metro Bhawan,<br>Fire Brigade Lane,<br>Barakhamba Road,<br>New Delhi-110001 |
| 2. CE/Works            |   |
| 3. CEE/UD              |   |
| 4. Dy. CEE             |   |

Conditions for the validity of fire safety certificate:

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of firefighting system.
4. 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](http://www.dfs.delhigovt.nic.in)
5. This fire safety certificate may not in any way be treated as regularization of unauthorized construction, if any.
6. "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."

### INSPECTION REPORT

1. Name & address of the building : Staff housing at Sarita Vihar, Phase-III of DMRC
2. Type of Occupancy : Residential A-4, Apartments (flats)
3. Type of Case : New [2 blocks of Stilt + 7 Upper Floors each]
4. Details of Previous NOC : NA
5. Fire Safety directives letter No : F6/DFS/MS/BP/2014/82 dated 24/03/14
6. Date of inspection : 1/8/2016
7. Name of Inspecting Officer : A. K. Malik
8. Name and designation of officers  
from the building side : Sh. S. K. Rajoria (Dy. CEE)
9. Year of Construction : 2016
10. Applicant's letter No. : DMRC/CA/L-8/16/61 dated 04/07/16

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement (for each Block)	Provided at site (in each Block)	Remarks MR/NMR
<b>1.</b>	<b>Access to building</b>			
	<ul style="list-style-type: none"> <li>• Road width</li> <li>• Gate width</li> <li>• Width of internal road</li> </ul>	<p style="text-align: center;">12m 4.5m 6m</p>	<p style="text-align: center;">30m 5.7m 6m</p>	<p style="text-align: center;">MR MR MR</p>
<b>2.</b>	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floors</li> <li>• Basements</li> </ul>	<p style="text-align: center;">Two NA</p>	<p style="text-align: center;">Two NA</p>	<p style="text-align: center;">MR NA</p>
	b. Width of staircases			
	<ul style="list-style-type: none"> <li>• Upper Floor</li> <li>• Basements</li> </ul>	<p style="text-align: center;">1.5m NA</p>	<p style="text-align: center;">1.65m (each) NA</p>	<p style="text-align: center;">MR NA</p>
	c. Protection of exits			
	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Pressurization</li> </ul>	<p style="text-align: center;">Required NA</p>	<p style="text-align: center;">Provided NA</p>	<p style="text-align: center;">MR NA</p>
	d. No. of continuous staircases to terrace	<p style="text-align: center;">Two</p>	<p style="text-align: center;">Two</p>	<p style="text-align: center;">MR</p>
	e. Width of Corridor	<p style="text-align: center;">NA</p>	<p style="text-align: center;">NA</p>	<p style="text-align: center;">NA</p>
	f. Door Size	<p style="text-align: center;">1m</p>	<p style="text-align: center;">1m</p>	<p style="text-align: center;">MR</p>
<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>	<p style="text-align: center;">Required Required 2hr NA NA</p>	<p style="text-align: center;">Provided Provided 2hr NA NA</p>	<p style="text-align: center;">MR MR MR NA NA</p>
<b>4.</b>	<b>Smoke Management System</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> <li>• Upper floors</li> </ul>	<p style="text-align: center;">30 ACPH 12 ACPH</p>	<p style="text-align: center;">NA Natural Ventilation</p>	<p style="text-align: center;">NA MR</p>
<b>5.</b>	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>• Total numbers</li> <li>• Types</li> <li>• IS marking</li> </ul>	<p style="text-align: center;">36 No's ISI marked</p>	<p style="text-align: center;">40 Nos ABC-20 Nos CO<sub>2</sub>-20 Nos</p>	<p style="text-align: center;">MR MR MR</p>
<b>6.</b>	<b>First-Aid Hose Reels</b>			
	<ul style="list-style-type: none"> <li>• Total numbers on each floor</li> <li>• Length of hose reel hose</li> <li>• Nozzle diameter</li> </ul>	<p style="text-align: center;">One 30m 5mm</p>	<p style="text-align: center;">Provided 30m 5mm</p>	<p style="text-align: center;">MR MR MR</p>
<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> </ul>	<p style="text-align: center;">NA NA</p>	<p style="text-align: center;">NA NA</p>	<p style="text-align: center;">NA NA</p>

	<ul style="list-style-type: none"> <li>• Alternate source of power</li> <li>• Hooters' Location</li> </ul>	NA	NA	NA
		NA	NA	NA
8.	<b>MOEFA</b>	Required	Provided	MR
9.	<b>Public Address System</b>	NA	NA	NA
10.	<b>Automatic Sprinkler System</b>			
	<ul style="list-style-type: none"> <li>• Basement</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Ground Floor</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Sprinkler above false ceiling</li> </ul>	NA	NA	NA
11.	<b>Internal Hydrants</b>			
	<ul style="list-style-type: none"> <li>• Size of riser/down-comer</li> </ul>	100mm	100mm	MR
	<ul style="list-style-type: none"> <li>• Number of hydrants per floor</li> </ul>	One	One	MR
	<ul style="list-style-type: none"> <li>• Hose Box</li> </ul>	One	One	MR
12.	<b>Yard Hydrants</b>			
	<ul style="list-style-type: none"> <li>• Total number of hydrants</li> </ul>	NA	2 No's	NA
	<ul style="list-style-type: none"> <li>• Hose Box</li> </ul>	NA	2 No's	NA
13.	<b>Pumping Arrangements</b>			
	<ul style="list-style-type: none"> <li>• Ground Level <ul style="list-style-type: none"> <li>➤ Discharge of main Pump</li> <li>➤ Head of Main pump</li> <li>➤ Number of main pumps</li> <li>➤ Jockey Pump out put</li> <li>➤ Jockey pump head</li> <li>➤ Standby Pump out put</li> <li>➤ Standby Pump Head</li> <li>➤ Auto Starting/Manual Stopping</li> <li>➤ Pump House Access</li> </ul> </li> <li>• Terrace level <ul style="list-style-type: none"> <li>➤ Discharge of pump</li> <li>➤ Head of the pump</li> <li>➤ Power Supply</li> <li>➤ Auto Starting of pump</li> </ul> </li> </ul>	NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		900 LPM	900 LPM	MR
		40m	40m	MR
		Required	Provided	MR
		Required	Provided	MR
14.	<b>Captive Water Storage for fire fighting</b>			
	<ul style="list-style-type: none"> <li>• Underground tank capacity <ul style="list-style-type: none"> <li>➤ Draw-off connection</li> <li>➤ Fire service inlet</li> <li>➤ Access to tank</li> </ul> </li> <li>• Overhead Tank capacity</li> </ul>	NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		25,000 Lts	25,000 Lts	MR
15.	<b>Exit Signage.</b>	Required	Provided	MR
16.	<b>Provision of Lifts.</b>			
	<ul style="list-style-type: none"> <li>• Pressurization of Lift Shaft</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Pressurization of Lift lobby</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Communication In lift Car</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Fireman's Grounding Switch</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>• Lift Signage</li> </ul>	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> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>➤ Location</li> </ul>	NA	NA	NA
19.	<b>Fire Control Room</b>			
	<ul style="list-style-type: none"> <li>• Detector System Panel</li> </ul>	NA	NA	NA
	<ul style="list-style-type: none"> <li>• Flow Switch Panel</li> </ul>	NA	NA	NA

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	• Building Floor Plans	NA	NA	NA
20.	Special Fire Protection System for Protection of special Risks, if any:			NA

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

Keeping in view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules , It is recommended to grant Fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010.

Accordingly FSC in shape of DFA is put up for approval.

*A.K. Malik*  
2/18/16

Signature of Inspecting Officer  
Name:- A.K. Malik  
Designation:-DO (SZ)

DY. CFO(SZ)



*Handwritten signature*  
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*CFO (SZ)*

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