

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

NO. F.6/D.F.S./M.S./2011/2248

DATED..14/09/11.....

FIRE SAFETY CERTIFICATE

Certified that DCO & Canteen Building at Sarita Vihar Depot of DMRC, New Delhi, have complied with the fire prevention and fire safety requirements in accordance with Rule 33 of the Delhi Fire Service Rules, 2010 and verified by ADO Rajan Wadehra of Delhi Fire Service on 29.8.2011 in the presence of Shri Ram Milan (AEE/DMRC), and Shri Ravi Chawla and the building / premises is fit for occupancy with effect from 14/09/11 for a period of 03 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 14/09/11 at New Delhi by



DIRECTOR

DELHI FIRE SERVICE



Copy To: -

1. Shri R.D. Gupta  
Dy. Chief Electrical Engineer/N  
Delhi Metro Rail Corporation

Note: - Guidelines overleaf may also be taken care of.

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. 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.
3. 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.
4. Any deviation, with regards to construction, electric installation etc. may be got verified from the concerned authorities.
5. Basement shall be used as per BBL.
6. This NOC may not be treated in any case for regularizations of unauthorized construction, if any.
7. 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).

### INSPECTION REPORT

- 1 Name & address of the building DCO and Canteen building metro depot sarita vikar N.D
- 2 Type of Occupancy \_\_\_\_\_
- 3 Type of Case : New Case/ Renewal
- 4 Details of previous NOC Letter No F6/DFS/ms/2010/2860 Dated: 01-01-2010
- 5 Fire Safety directives letter No F6/DFS/ms/OP/853 dt 24/3/09
- 6 Date of inspection 28/8/11
- 7 Name of the Inspecting Officers RAJAN WADGHARA
- 8 Name and designation of officers from the building side  
 (1) SH RAM MILAN LAESI DMRC (2) SH DP Singh (XEN DMRC)  
 (3) SH B.N MAURYA (Proj coordinator) (4) SH Ravi chawla
- 9 Year of Construction 2010 - 2011
- 10 Applicant's letter No DMRC/PhII/Exam/DFS/SARITA VIKAR DEPOT

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>	9m	25 mH	M/R
	• Road width	5m	9.2 mH	M/R
	• Gate width	5m	9.2 mH	M/R
	• Width of internal road	9m	14 mH	M/R
2	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases			
	• Upper Floors	1	1	M/R
	• Basements	N/A	N/A	M/R
	b. Width of staircases			
	• Upper Floors	1	1.5 mH	M/R
	• Basements	N/A	N/A	M/R
	c. Protection of exits			
	• Fire check door	N.R	NOT Provided	- MR
	• Pressurization	N.R.	Not Provided	MR
	e. No. of continuous staircases to terrace	1	1	M/R
	g. Width of Corridor		6.5	
	h. Door Size		1.5mH	
3	<b>Compartmentation.</b>		N/A	
	• Fire check door	Not required	N/A	M/R
	• Sealing of electrical shafts	Not required	not provided	M/R
	• Fire Rating of shaft door	Not required	not provided	M/R
	• Water Curtain	Not required	Not provided	M/R
	• Fire Dampers	Not required	Not provided	M/R
4	<b>Smoke Management System.</b>			
	• Basements	30 a/c per hour	N/A	M/R
	• Upper floors	12 a/c per hour		

	✓ Upper floors	12 a/c per hour		
5	<b>Fire Extinguishers</b>			
	• Total numbers	one for every 300 sq m	18 NOS	MIR
	• Types		CO <sub>2</sub> - 12 Nos Canteen - 6 No	MIR
	• IS marking	ISI marked	Provided	MIR
6	<b>First-Aid Hose Reels.</b>			
	• Total numbers on each floor	one for every	1	MIR
	• Length of hose reel hose	30 m	Provided	MIR
	• Nozzle diameter	5 mm	Provided	MIR
7	<b>Automatic fire detection and alarming system.</b>			
	• Type of detectors	Smoke / Heat	MULTISENOR	MIR
	• Location of Main Panel	G.F	Debit control center	MIR
	• Location of Repeater Panel	Required	Time office	MIR
	• Alternate source of power	Required	D.4 set	MIR
	• ✓ Hooters' Location		common are	MIR
8	<b>MOEFA</b>	Required	Provided	MIR
9	<b>Public Address System.</b>	Required	Provided	MIR
10	<b>Automatic Sprinkler System.</b>			
	• Basement	No basement	N/A	MIR
	• Upper Floor	Required	Provided	MIR
	• Sprinkler above false ceiling	Not required	Not provided	MIR
11	<b>Internal Hydrants</b>			
	• Size of riser/down-comer	150 mm	150 mm	MIR
	• Number of hydrants per floor	1	1	MIR
	• Hose Box	1	1	MIR
12	<b>Yard Hydrants.</b>			
	• Total number of hydrants	2	DCO - 4 Nos Canteen - 2 No	MIR
	• Hose Box	2	DCO - 4 Nos Canteen - 2 No	MIR
13	<b>Pumping Arrangements.</b>			
	• Ground Level			
	➤ Discharge of main Pump	one	2850 cpm	MIR
	➤ Head of Main pump	70 m	70 mt	MIR
	➤ Number of main pumps	2	02	MIR
	➤ Jockey Pump out put	180 cpm	180 cpm	MIR
	➤ Jockey pump head	70 m	70 mt	MIR
	➤ Standby Pump out put	2850 cpm	2850 cpm	MIR
	➤ Standby Pump Head	70 m	70 mt	MIR

	<ul style="list-style-type: none"> <li>➤ Auto Starting/ Manual stopping</li> <li>➤ Pump House Access</li> <li>• Terrace level</li> <li>➤ Discharge of pump</li> <li>➤ Head of the pump</li> <li>➤ Power Supply</li> </ul>	Required	Auto starting	MIR
		Required	Provided	MIR
		Not required	Not Provided	MIR
		Not required	Not Provided	MIR
		required	Provided	MIR
14	<b>Captive Water Storage for fire fighting.</b>			
	<ul style="list-style-type: none"> <li>• Underground tank capacity</li> <li>➤ Draw-off connection</li> <li>➤ Fire service inlet</li> <li>➤ Access to tank</li> <li>• Overhead Tank capacity</li> </ul>	2,00,000 Required	2,00,000 Provided	MIR
		Required	Provided	MIR
		Required	Provided	MIR
		Required	Provided	MIR
		Not required	Not Provided	MIR
15	<b>Exit Signage.</b>	Required	Provided	MIR
16	<b>Provision of Lifts.</b>	LIFT NOT PROVIDED		
	<ul style="list-style-type: none"> <li>• Pressurization of Lift Shaft</li> <li>• Pressurization of Lift lobby</li> <li>• Communication In lift Car</li> <li>• Fireman's Grounding Switch</li> <li>• Lift Signage</li> </ul>	N/A	N/A	MIR
		N/A	N/A	MIR
		N/A	N/A	MIR
		N/A	N/A	MIR
		N/A	N/A	MIR
17	<b>Standby power supply</b>		500 KVA	MIR
18	<b>Refuge Area.</b>	NOT APPLICABLE		
	➤ Total Area	Not required	N/A	MIR
	➤ Location	Not required	N/A	MIR
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>• Batter backup</li> <li>• Building Floor Plans</li> </ul>	required	provided	MIR
		required	provided	MIR
		required	provided	MIR
		required	provided	MIR
		required	provided	MIR
20	Special Fire Protection Systems for Protection of special Risks, if any	Not required	Not provided	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 numbers~~ *All the fire safety arrangements* or *Per DB letter no F&S/MS/853 dt 24/1/09 have been provided*

Signature of the Inspecting Officer

Signature of the Inspecting Officer

Name *RAJAN KUMAR*

Designation *Asst. Dir. of fire*  
*8/9/11*