

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

E-mail: [gargatul@hotmail.com](mailto:gargatul@hotmail.com), Tel:- 011-26189168

NO.F6/DFS/MS/2016/ 82/793

Dated: 17/5/16

**FIRE SAFETY CERTIFICATE**

Certified that **Sarita Vihar DMRC Depot (except DCO and Canteen Building), New Delhi**, was granted Fire Safety Certificate vide letter No. F6/DFS/MS/2010/2860 dated 01.10.2010 and **DCO & Canteen Building** was granted Fire Safety Certificate vide letter No. F.6/DFS/MS/2011/2248 dated 14.09.2011. The said DMRC Depot Complex was re-inspected by the officer concerned of Delhi Fire Service on 06.05.2016 in presence of Mr. Vikash Bhardwaj (Fire Officer, DMRC) and found that the said complex 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 building/premises is fit for occupancy **class D (Assembly- metro railway)** with effect from 17/5/16 for a period of **3(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 17/5/16 at New Delhi by.

  
(ATUL GARG)

Dy. Chief Fire Officer

Copy to: -

1. Chief Architect, DMRC Ltd., Metro Bhawan, Fire Brigade Lane, Barakhamba Road, New Delhi-110001.

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

- a. 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 rendering non-functional shall be the responsibility of the management.
- b. 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.
- c. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- d. 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 website [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)

## INSPECTION REPORT

1. Name & address of the building : Sarita Vihar DMRC Depot, New Delhi
2. Type of Occupancy : Assembly (D-7)
3. Type of Case : Renewal
4. Details of previous NOC : F.6/DFS/MS/2010/2860 dated 01/10/2010(For DMRC Depot except DCO & Canteen Building) and F.6/DFS/MS/2011/2248 dated 14.09.2011 (For DCO & Canteen Building).
5. Fire Safety directives letter No : F.6/DFS/MS/BP/2009/853 dated 24/03/2009.
6. Date of inspection : 06.05.2016
7. Name of the Inspecting Officers : M.K.Chattopadhyay, ADO(M.Rd)
8. Name and designation of officers  
from the building side : Mr. Vikas Bhardwaj (Fire Officer, DMRC)
9. Year of Construction : 2009-10
10. Applicant's letter No. : DMRC//O&M/Fire/NOC/L-6/2016/10 dated 11.03.2016

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	09 mts	Provided	MR
	• Gate width	4.5 mts	Provided	MR
	• Width of internal road	6 mts	Provided	MR
2	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases	-	-	-
	• Upper Floors	Old Case	Workshop bay-03, inspection bay-03, internal cleaning shed-01, ETU & P-way-02, DCO & Canteen Block- 01	MR
	• Basements	N/A	N/A	N/A
	b. Width of staircases	-	-	-
	• Upper Floors	Old Case	Workshop bay(1.5 mts each), inspection bay(1.5 mts each), internal cleaning shed(0.6 mt), ETU & P-way (1.5 mts each), DCO & Canteen Block- 1.5 mts	MR
	• Basements	N/A	N/A	N/A
	c. Protection of exits	-	-	-
	• Fire check door	N/A	N/A	N/A
	• Pressurization	N/A	N/A	N/A
	e. No. of continuous staircases to terrace	01 No.	Provided in DCO & Canteen Block	MR
	g. Width of Corridor	N/A	N/A	N/A
	h. Door Size	1.0 mt	Provided (1.5 mts.)	N/A
3	<b>Compartmentation.</b>			
	• Fire check door	N/A	N/A	N/A
	• Sealing of electrical shafts	Required in Depot Building	Provided	MR
	• Fire Rating of shaft door	N/A	N/A	N/A
	• Water Curtain	N/A	N/A	N/A
	• Fire Dampers	N/A	N/A	N/A
4	<b>Smoke Management System.</b>			
	• Basements	30 a/c per hour	N/A	N/A

5	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>Total numbers</li> <li>Types</li> <li>IS marking</li> </ul>	55 CO <sub>2</sub> , W.CO <sub>2</sub> ISI marked	Provided Provided Provided	MR MR MR
6	<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>	DCO-01, ETU-01, Wash. & Insp. Bay-02, DCO Canteen Block- 1 45 m 5 mm	Provided Provided Provided	MR MR MR
7	<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>Hooters' Location</li> </ul>	Required Required Required Required Required	Smoke Detectors Provided Provided at Control Room Provided D.G Set Provided Provided at all levels	MR MR MR MR MR
8	<b>MOEFA</b>	Required	Provided	MR
9	<b>Public Address System.</b>	Required	Provided	MR
10	<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>	N/A Required at DCO bldg. N/A	N/A Provided N/A	N/A MR N/A
11	<b>Internal Hydrants</b>			
	<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>	100 mm DCO-01, ETU-01, Wash. & Insp. Bay-02, DCO & Canteen Block-01 DCO-01, ETU-01, Work. & Insp. Bay-02, DCO & Canteen Block-01	Provided Provided Provided	MR MR MR
12	<b>Yard Hydrants.</b>			
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> <li>Hose Box</li> </ul>	51 Nos. 51 Nos.	Provided Provided	MR MR
13	<b>Pumping Arrangements.</b>			
	<ul style="list-style-type: none"> <li>Ground Level</li> <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</li> </ul>	- 2850 LPM 70 mts. 02 180 PM 70 mts 2850 LPM 70 mts.	- Provided Provided Provided Provided Provided Provided Provided	- MR MR MR MR MR MR MR

	➤ Pump House Access	Required	Provided	MR
	• Terrace level	-	-	-
	➤ Discharge of pump	N/A	N/A	N/A
	➤ Head of the pump	N/A	N/A	N/A
	➤ Power Supply	N/A	N/A	N/A
	➤ Auto Starting of pump	N/A	N/A	N/A
14	<b>Captive Water Storage for fire fighting.</b>			
	• Underground tank capacity	2,00,000 lts	Provided	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	N/A	N/A	N/A
15	<b>Exit Signage.</b>	Required	Provided	MR
16	<b>Provision of Lifts.</b>			
	• Pressurization of Lift Shaft	N/A	N/A	N/A
	• Pressurization of Lift lobby	N/A	N/A	N/A
	• Communication In lift Car	N/A	N/A	N/A
	• Fireman's Grounding Switch	N/A	N/A	N/A
	• Lift Signage	N/A	N/A	N/A
17	<b>Standby power supply</b>	Required	Provided D.G.Set (500 KWA)	MR
18	<b>Refuge Area.</b>			
	➤ Total Area	N/A	N/A	N/A
	➤ Location	N/A	N/A	N/A
19	<b>Fire Control Room</b>			
	• Detector System Panel	Required	Provided	MR
	• Flow Switch Panel	Required	Provided	MR
	• PA System Panel	Required	Provided	MR
	• Batter backup	Required	Provided	MR
	• Building Floor Plans	Required	Provided	MR
20	Special Fire Protection Systems for Protection of special Risks, if any:	Required	CO <sub>2</sub> flooding system found provided in elect. panel	MR

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

All the shortcomings pointed out by this department vide letter no. F.6/DFS/MS/Metro/2014/409 dated 19.02.2014 have been rectified by the DMRC.

In view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the rules, the NOC issued vide letter No. F6/DFS/MS/2010/2860 dated 01/10/2010(For DMRC Depot except DCO & Canteen Building) and F.6/DFS/MS/2011/2248 dated

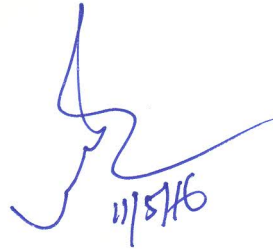
14.09.2011 (For DCO & Canteen Building), renewal under the Delhi Fire Service Act-2007 & Delhi Fire Service Rules- 2010, is recommended.

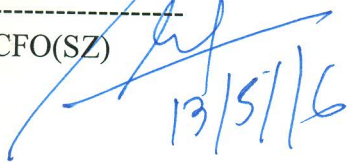
DFA is put up for approval & signature please

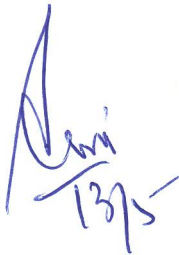
DCFO (D.P.BHARDWAJ)

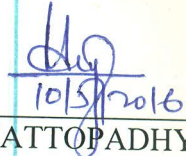
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DCFO(SZ)

DIRECTOR IAS

  
11/5/16

  
13/5/16

  
13/5

  
10/5/2016

M.K.CHATTOPADHYAY  
Asstt. Div. Officer (M.Road)