

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

E-mail: gargatul@hotmail.com, Tel:- 011-26189168

No. F.6/DFS/MS/SZ/2016/ 974

Dated: 08/06/16

FIRE SAFETY CERTIFICATE

Certified that **Timarpur Okhla Waste Management Facility with Power Generation Plant located near old NDMC Compost Plant, behind CRRI, Mathura Road, New Delhi-110025** was inspected by the officers concerned of this department on 08.02.2016 in presence of Mr. Sandeep Dutt, Dy.G.M. and found that the management have complied with the fire prevention and fire safety requirements in accordance with the Delhi Fire Service Act-2007 & Delhi Fire Service Rules-2010 and that the building is fit for occupancy class "Industrial occupancy" with effect from the date of issue of this certificate 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 08/06/16 at New Delhi by.


(ATUL GARG)
CHIEF FIRE OFFICER

Copy To: -

1. The Vice President-Power, Timarpur Okhla Waste Management Facility with Power Generation Plant near old NDMC Compost Plant, behind CRRI, Mathura Road, New Delhi-110025
2. The Executive Engineer (Bldg.)-I, SDMC, 8th floor, Civic Centre, Minto Road, New Delhi-110002.

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

INSPECTION REPORT

1. Name & address of the building: Timarpur Okhla Waste Management Facility with Power Generation near old NDMC Compost Plant, behind CRRI, Mathura Road, New Delhi-110025
2. Type of Occupancy : Industrial occupancy
3. Type of Case : New case
4. Details of previous NOC : N/A
5. Fire Safety directives letter No : F6/DFS/MS/BP/2012/77 dated 10.01.2012
6. Date of inspection : 01.06.2016
7. Name of the Inspecting Officers : Dharampal Bhardwaj, DCFO, M.K Chattopadhyay, ADO (M. Road)
8. Name and designation of officers from the building side : Sandeep Dutt, DGM
9. Year of Construction : 2011
10. Applicant's letter No. : nil dated 23.05.2016

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	BBL/NBC Requirement	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	09 mts	provided	MR
	• Gate width	4.5 mts	provided	MR
	• Width of internal road	06 mts	provided	MR
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases	-	-	-
	• Upper Floors	02 for TG, 01 for Boilers	Provided 03 for TG Bldg & 02 for each boiler	MR
	• Basements	N/A	N/A	N/A
	b. Width of staircases	-	-	-
	• Upper Floors	1.5 mts each in TG & one 1.5 mts interconnected each for Boiler	Provided	MR
	• Basements	N/A	N/A	N/A
	c. Protection of exits	-	-	-
	• Fire check door	Required	Provided	MR
	• Pressurization	N/A	N/A	N/A
	e. No. of continuous staircases to terrace	01	01 (TG bldg)	MR
	g. Width of Corridor	N/A	N/A	N/A
	h. Door Size	N/A	N/A	N/A
3	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	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

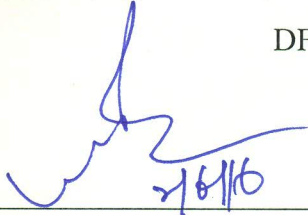
4	Smoke Management System.			
	<ul style="list-style-type: none"> Basements Upper floors 	30 a/c per hour	N/A	N/A
		12 a/c per hour	N/A	N/A
5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	97	Provided	MR
		ABC,W.CO ₂ , CO ₂	Provided	MR
		ISI marked	Provided	MR
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	16	Provided	MR
		30 m	Provided	MR
		5 mm	Provided	MR
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Required	Provided at TG Bldg.	MR
		Required	Provided	MR
		N/A	N/A	N/A
		Required	Provided	MR
		Required	Provided.	MR
8	MOEFA	Required	Provided at TG Bldg.	MR
9	Public Address System.	N/A	N/A	N/A
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	N/A	N/A	N/A
		N/A	N/A	N/A
		N/A	N/A	N/A
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	100 mm	Provided	MR
		12	Provided	MR
		12	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	08	Provided	MR
		08	Provided	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> Ground Level ➤ Discharge of main Pump ➤ Head of Main pump ➤ Number of main pumps ➤ Jockey Pump out put ➤ Jockey pump head 	-	-	-
		4500 & 2280 LPM	Provided	MR
		88 mts & 70 mts	Provided	MR
		02	Provided	MR
		450 LPM & 180 LPM	Provided	MR
		88 mts & 70 mts	Provided	MR

	➤ Standby Pump out put	4500 LPM	Provided	MR
	➤ Standby Pump Head	88 mts	Provided	MR
	➤ Auto Starting/ Manual stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
		-	-	-
	• Terrace level	N/A	N/A	N/A
	➤ Discharge of pump	N/A	N/A	N/A
	➤ Head of the pump	Required	Provided	MR
	➤ Power Supply	Required	Provided	MR
	➤ Auto Starting of pump	Required	Provided	MR
14	Captive Water Storage for fire fighting.			
	• Underground tank capacity	9,10,000 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	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	• Pressurization of Lift Shaft	N/A	N/A	N/A
	• Pressurization of Lift lobby	N/A	N/A	N/A
	• Communication In lift Car	Required	Provided	MR
	• Fireman's Grounding Switch	Required	Provided	MR
	• Lift Signage	Required	Provided	MR
17	Standby power supply	Required	Provided	MR
18	Refuge Area.			
	➤ Total Area	N/A	N/A	N/A
	➤ Location	N/A	N/A	N/A
19	Fire Control Room			
	• 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	N/A	N/A	N/A
20	Special Fire Protection Systems for Protection of special Risks, if any	Required	CO ₂ flooding system found provided near HT/LT Panel. The water spray system provided on lubricating oil area at TG bldg, transformers boiler furnace, burner & ignitors	MR

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

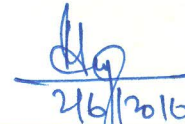
In view the substantial compliance of the minimum standards on fire prevention and fire safety required under the rules, it is recommended to grant fire safety certificate under Delhi Fire Service Act-2007 & Rules- 2010.

DFA is put up for approval & signature please



2/6/16

Signature of the Inspecting Officer
DHARAMPAL BHARDWAJ
DCFO



2/6/2016

Signature of the Inspecting Officer
(M.K. CHATTOPADHYAY)
Assistant Divisional Officer (M. Rd.)

~~CFO - Atul Garg~~ 3/6/16

DIRECTOR / D.F.S.

put up FT 7/6/16

~~Signature~~