

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

NO.DFS/MS/ 2017/52/1328

Dated: 7 / 9 /2017

**FIRE SAFETY CERTIFICATE**

Certified that the M/s Delhi MSW Solution Ltd. Sector 5, Pkt N-1, Behind Pragti Power Plant, Bawana Ind. Area, New Delhi -110039 comprised of Ground + two upper floors owned/occupied by that M/s Delhi MSW Solution Ltd have complied with the fire prevention and fire safety requirement in accordance with rule 33 of the Delhi Fire Service Rules, 2010, and verified by the officer concerned of Fire Service on 23/08/2017 in the presence of Sh. Parsad Reddy (DGM) and that the building /premises is fit for occupancy Industrial G-2 (iv) building with effect from 7 / 9 /2017 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.

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

1. Means of escape shall not be kept locked or bolted from outside and shall be easily open able by guests in an event of emergency.
2. All employees shall be acquainted with the use and maintenance of all the fire fighting installation/equipments.
3. The fire suppression / protection arrangements provided in the guest house are to minimize losses, if maintained in good working condition. These systems cannot give any guarantee that there will be no fire or losses in the event of one.
4. Any loss of life and property due to non-functional of fire safety arrangements and other installations shall be the responsibility of the licensee.
5. This report 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 of Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".
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

Issued on.....7/9/17.....at New Delhi.

(Atul Garg)  
Chief Fire Officer  
Ph: 011-23414250

**Copy to:-**

1. M/s Delhi MSW Solution Ltd. Sector 5, Pkt N-1, Behind Pragti Power Plant, Bawana Ind. Area, New Delhi -110039

**INSPECTION REPORT**

Gr. + two upper floors

1. Name & address of the building : Delhi MSW Solution Ltd, Sector 5, Pkt N-1, Behind Pragti Power Plant, Bawana Ind. Area, New Delhi- 39
2. Type of Occupancy : Industrial G-2(iv)
3. Type of Case : New Case
4. Details of previous NOC : Letter No. Nil Dated: Nil
5. Fire Safety directives letter No : BBL
6. Date of inspection : 23/08/2017
7. Name of the Inspecting Officers : DO (NW) & ADO (BW)
8. Name and designation of officers  
from the building side : Sh. Parsad Reddy (DGM)
9. Year of Construction : 2015-16
10. Applicant's letter No. : Nil dated 31/07/2017

**Plot Area:** 156.38 Acre

	<b>Minimum Standards on fire prevention and fire safety U/R 33</b>	<b>NBC/BBL Requirement</b>	<b>Provided at site</b>	<b>Remarks MR/NMR</b>
1	<b>Access to building</b>			
	• Road width	12 mtr	12 mtr	MR
	• Gate width	4.5 mtr	6 mtr	MR
	• Width of internal road	6 mtr	8 to 12 mtr	MR
2	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases	N/A	N/A	N/A
	• Upper Floors	05	05	MR
	• Basements	N/A	N/A	N/A
	b. Width of staircases	N/A	N/A	N/A
	• Upper Floors	1.25 mtr	3 X 1.50 mtr, 1.8 mtr & 1.30 mtr	MR
	• Basements	N/A	N/A	N/A
	c. Protection of exits	N/A	N/A	N/A
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Ventilated	MR
	e. No. of continuous staircases to terrace	N/A	N/A	N/A
	g. Width of Corridor	N/A	N/A	N/A
	h. Door Size	1.00 mtr	1.00 mtr	MR

*[Handwritten Signature]*

3	<b>Compartmentation.</b>	—	—	—
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	N/A	N/A	N/A
	• 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
	• Upper floors	12 a/c per hour	Exhaust fan provided	MR
5	<b>Fire Extinguishers</b>			
	• Total numbers	As per IS 2190	15- DCP , 20- Co2, Mech F- 02-50 kg Co2- 02- 22.5 kg	M/R
	• Types		Total=39	
	• IS marking	ISI marked	Yes	M/R
6	<b>First-Aid Hose Reels.</b>			
	• Total numbers on each floor	04	Provided	MR
	• Length of hose reel hose	30 m	Provided	MR
	• Nozzle diameter	5 mm	Provided	MR
7	<b>Automatic fire detection and alarming system.</b>			
	• Type of detectors	Required	Provided	MR
	• Location of Main Panel	1 <sup>st</sup> floor	Provided	MR
	• Location of Repeater Panel	N/A	N/A	N/A
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	N/A	N/A	N/A
8	<b>MOEFA</b>	Required	Provided	MR
9	<b>Public Address System.</b>	Required	Provided	MR
10	<b>Automatic Sprinkler System.</b>			
	• Basement	N/A	N/A	N/A
	• Upper Floor	Required	Provided	MR
	• Sprinkler above false ceiling	N/A	N/A	N/A
11	<b>Internal Hydrants</b>			
	• Size of riser/down-comer	100 MM.4 Nos.	Provided	MR
	• Number of hydrants per floor	04	Provided	MR
	• Hose Box	04	Provided	MR

*Signature*

12	<b>Yard Hydrants.</b>			
	• Total number of hydrants	Required 30 nos.	Provided 34 nos.	MR
	• Hose Box	Required 30 nos.	Provided 34 nos.	MR
13	<b>Pumping Arrangements.</b>			
	• Ground Level	N/A	N/A	N/A
	➤ Discharge of main Pump	4500 LPM 2280 LPM for sprinkler	4500 LPM 2280 LPM for sprinkler	MR
	➤ Head of Main pump	60 M	60 M	MR
	➤ Number of main pumps	02	02	MR
	➤ Jockey Pump out put	2 X 450 LPM	2 X 450 LPM	MR
	➤ Jockey pump head	60 M	60 M	MR
	➤ Standby Pump out put	4500 LPM	4500 LPM	MR
	➤ Standby Pump Head	60 M	60 M	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	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	6,48,000 ltrs	6,80,000 ltrs	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	Required	Provided	MR
	• 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	<b>Standby power supply</b>			
		Required	600 KVA	MR

*[Handwritten Signature]*

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	N/A	N/A	N/A
	• 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:	HT & LT panel Required Co2 local application	Provided	MR

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.....nil.....

Signature of the Inspecting Officer

Name

Designation

*(Signature)*  
*S Singh*  
 24.8.17  
 Dy CPO (N-2)  
 CPO West  
 4/9/17  
 Atul Kumar  
 CPO  
 10/9/17

Signature of the Inspecting Officer

Name

Designation

*(Signature)*  
 24/8/17  
 40060

F.T letter is put up for signatures please.

*(Signature)*  
 6/9/17

*(Signature)*  
 6/9/17