

NO. F6/DFS/MS/2011/2606

DATED: 19/10/11

**FIRE SAFETY CERTIFICATE**

Certified that the M/s D.S. Ltd. Industrial building at Plot no.98, Okhla Phase III, Industrial Estate, New Delhi comprise of basement, ground plus two upper floors owned/occupied by M/s D.S. Ltd. 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 the officers concerned of Fire Service on 01.10.2011 in the presence of Mr. Anubhav Khosla (Unit Head), of the Industry and that the building is fit for occupancy class G "Industrial building" with effect from 19/10/11.... 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 Rule, 2010, subject to condition as mentioned below.

Issued on 19/10/11..... at New Delhi by

  
Chief Fire Officer  
Delhi Fire Service

  
19/10/11

**Copy to.**

1. The Executive Engineer (Bldg) HQ, Building Department, MCD, Town Hall, Delhi.
2. The Authorised Signatory, M/s D.S. Ltd, Plot no.98, Okhla Phase III, Industrial Estate, New Delhi.

**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 basement shall be used strictly as per the provisions of Building Bye laws.
- e. 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	D.S. Ltd. Plot No. 98 Okhla Phase III, Industrial Estate, New Delhi		
2	Type of Occupancy	Industrial G (Low Hazard)		
3	Type of case	New		
4	Details of previous NOC	No		
5	Fire safety directives letter No	No.		
6	Date of inspection	01.10.2011		
7	Name of the inspecting Officers :	D.O. (South) D.P. Bhardwaj, ADO S.S. Kaushik		
8	Name and designation of officers from the building side	Anubhav Khosla (Unit Head)		
9	Year of construction	1991		
10	Applicant's letter No.	Nil Dt. 27.09.2011 <i>Compound of basement 6+2supper floors</i>		
B-277m <sup>2</sup> G-5 280m <sup>2</sup> FF 280 SF 130 m <sup>2</sup>				
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>			
	1) Road width	8 mtrs	Provided	MR ✓
	2) Gate width	3.5	Provided	MR ✓
	3) Width of internal road			
2	<b>Number, width Type &amp; arrangement of exits</b>			
	<b>a. Number of staircases</b>	Two		✓
	1. Upper floors	Two	Provided	MR ✓
	2. basements	Two	Provided	MR ✓
	<b>b. Width of staircase</b>			
	1. Upper floors	1.5 mtrs	150cm & 90cm	MR ✓
	2. basements	1.5 mtrs	150 cm each	MR ✓
	<b>c. Protection of exits</b>			
	1. Fire check door	Required	Provided	MR ✓
	2. Pressurization			
	<b>d. No. of continuous staircase to terrace</b>		Provided <i>one</i>	MR ✓
	e. Width of corridor		<i>one</i>	
	f. Door size			
3	<b>Compartmentation.</b>			
	1. Fire check door	Required	Provided	MR ✓
	2. Sealing of electrical shafts			
	3. Fire Rating of shaft door			
	4. water curtain			
	5. Fire dampers			
4	<b>Smoke Management system.</b>			
	basement	30 a/c per hour	Exhaust Fan Provided	MR ✓
	upper floors	12 a/c per hour	Natural Ventinational	MR ✓
5	<b>Fire Extinguishers</b>			
	total numbers		30 Nos	MR ✓
	Types		ABC, Co2,	MR ✓
	ISI marking	ISI	Yes	MR ✓
6	<b>First-Aid Hose Reels.</b>			
	total numbers on each floor		One	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 (Smoke)	MR ✓
	location of Main Panel		<i>at Ground floor</i>	MR ✓
	location of Repeater panel	Not Required		
	Alternate source of power	Required	Battery Backup	MR ✓
	hooter's location		Near Staircase	MR ✓

8	MOEFA	Required	Provided	MR ✓
9	Public Address System.	Not Required	Provided	MR ✓
10	Automatic Sprinkler System.			
	basement	Required	Provided	MR ✓
	upper floors	Not Required		
	sprinkler above false ceiling	Not Required		
11	Internal Hydrants			
	Size of riser/down-corner	100 mm	Provided	MR ✓
	Number of Hydrants per floor		Provided (One)	MR ✓
	hose Box		Provided (One)	MR ✓
12	Yard Hydrants.			
	total number of hydrants	Required	Provided (Two)	MR ✓
	hose box	Required	Provided	MR ✓
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump		900 LPM	MR ✓
	b. Head of main pump		35 Mtr	MR ✓
	c. Number of main pumps		One	MR
	d. jockey pump out put		180 LPM	MR ✓
	e. jockey pump head		35 Mtr	MR ✓
	f. Standby Pump output		900 LPM	MR ✓
	g. Stanby Pump head		35 Mtr	MR ✓
	h. Auto Starting/Manual stopping		Yes	MR ✓
	pump house access		Yes	MR ✓
	2. Terrace level			
	a. Discharge of pump			
	b. head of the pump			
	c. Power supply			
	d. Auto starting of pump			
14	Captive water storage for fire fighting			
	1. Underground tank capacity		65000 ltrs	MR ✓
	a. Draw-off connection		Yes	MR ✓
	b. fire service inlet		Yes	MR ✓
	c. Access to tank		Yes	MR ✓
	Over head tank Capacity		2000 ltr	MR ✓
15	Exit Signage.	Required	Provided	MR ✓
16	Provision of lifts.			
	a. Pressurization of lift shaft	Not Required		
	b. pressurization of lift lobby	Not Required		
	c. communication in lift car	Not Required		
	d. Fireman's grounding switch	Not Required		
	e. Lift signage	Not Required		
17	Standby power supply	Required	Provided	MR ✓
18	Refuge Area.	Not Required		

	total area location			
19	<b>Fire control room</b>	Provided	✓	
	a. detector system Panel		✓	
	b. Flow switch Panel			
	c. PA system Panel			
	d. Batter, backup			
	e. Building floor plans		Yes	✓
20	<b>Special Fire Protection systems for protection of special risks, if any:</b>			

*No fire safety directives issued from this dept. on the basis of present requirement of part B of the code is suspended*

The fire protection systems provided in the building were checked and found functional at the time of inspection, under the rules it is recommended to grant Fire Safety Certificate under rules 35 of the Delhi Fire Service Rules 2010/issue. Shortcomings as noted as serial numbers.....

*DFSA of fire safety certificate is put up Pls*

Signature of the inspecting officer *[Signature]*  
 Name D. P. Bhardwaj  
 Designation : Divisional Officer (South)

*[Signature]*  
 Signature of the Inspecting Officer  
 Name S.S. Kaushik  
 Designation ADO (S.J.)

*Done*