


NO. F6/DFS/MS/2011/2609

DATED: 19/10/11

FIRE SAFETY CERTIFICATE

Certified that the M/s Rathi Oxygen Pvt Ltd Industrial building at Plot no.A-24/8, Mohan Co-operative Industrial Estate, Mathura Road New Delhi comprise of basement, ground plus two upper floors owned/occupied by M/s Rathi Oxygen Pvt 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 23.09.2011 in the presence of Mr. Arvind (Manager), 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

Copy to,

1. The Executive Engineer (Bldg) HQ, Building Department, MCD, Town Hall, Delhi.
2. The Authorised Signatory, M/s Rathi Oxygen Pvt Ltd, Plot no. A-24/8, Mohan Co-operative Industrial Eastate, Mathura Road 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

INSPECTION REPORT

1	Name & address of the building	Rathi Oxygen (P) Ltd., Plot No. A-24/8 Mohan Co-operative Industrial Estate, Mathura Road New Delhi		
2	Type of Occupancy	Industrial G		
3	Type of case	New		
4	Details of previous NOC	Not Required		
5	Fire safety directives letter No	F.6/DFS/MS/BP/2009/3929 & 190 Dated 30.12.2009		
6	Date of inspection	23.09.2011		
7	Name of the inspecting Officers :	D.O. (South) D.P. Bhardwaj		
8	Name and designation of officers from the building side	Arvind Guliani (Manager)		
9	Year of construction	2010		
10	Applicant's letter No.	Nil	Dt. 09.09.2011	(B+G+two upper floors)
S. NO.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR / NMR
1	Access to building			
	1) Road width	14 mtrs	Provided	MR ✓
	2) Gate width	5mtrs	Provided	MR ✓
	3) Width of internal road	5 mtr	Provided	MR ✓
2	Number, width Type & arrangement of exits			
	a. Number of staircases			
	1. Upper floors	Two	Provided	MR ✓
	2. basements	Two+ 1 ramp	Provided	MR ✓
	b. Width of staircase			
	1. Upper floors	1.5 mtrs	Provided	MR ✓
	2. basements	1.5 mtrs	Provided	MR ✓
	c. Protection of exits			
	1. Fire check door	Required	Provided	MR ✓
	2. Pressurization	Required	Provided	MR ✓
	d. No. of continuous staircase to terrace	One	Provided	MR ✓
	e. Width of corridor	Not Required	Not Required	MR ✓
	f. Door size	Not Required	Not Required	MR ✓
3	Compartmentation.			
	1. Fire check door	Required	Provided	MR ✓
	2. Sealing of electrical shafts	Required	Provided	MR ✓
	3. Fire Rating of shaft door	Not Required	Not Required	MR
	4. water curtain	Not Required	Not Required	MR
	5. Fire dampers	Not Required	Not Required	MR
4	Smoke Management system.			
	basement	30 a/c per hour 12 a/c per hour	Exhaust Fan Provided	MR ✓
	upper floors		Natural Ventinational	MR ✓
5	Fire Extinguishers			
	total numbers	ISI	30 Nos	MR ✓
	Types		ABC, Co2,	MR ✓
	ISI marking		Yes	MR ✓
6	First-Aid Hose Reels.			
	total numbers on each floor	Two	Provided	MR ✓
	Length of Hose reel hose	30 m	Provided	MR ✓
	Nozzle Diameter	5 mm	Provided	MR ✓

7	Automatic fire detection and alarming system			
	Type of detectors	Required	Provided (Smoke) ✓	MR
	location of Main Panel	Required	Provided (Ground) ✓	MR
	location of Repeater panel	Not Required	Not Required	MR
	Alternate source of power	Required	Battery Backup ✓	MR
	hooter's location	Staircase	Provided ✓	MR
8	MOEFA	Required	Provided ✓	MR
9	Public Address System.	Required	Provided ✓	MR
10	Automatic Sprinkler System.			
	basement	Required	Provided ✓	MR
	upper floors	required	Provided ✓	MR
	sprinkler above false ceiling	Not Required	Not Required	MR
11	Internal Hydrants			
	Size of riser/down-corner	100 mm	Provided ✓	MR
	Number of Hydrants per floor	2 nos each floor	Provided ✓	MR
	hose Box	2 nos each floor	Provided ✓	MR
12	Yard Hydrants.			
	total number of hydrants	Required	Provided (6 Nos) ✓	MR
	hose box	Required	Provided (6 Nos) ✓	MR
13	Pumping arrangements			
	1. Ground level			
	a. Discharge of main Pump	2280 LPM ✓	Provided	MR
	b. Head of main pump	70 Mtr ✓	Provided	MR
	c. Number of main pumps	One	Provided	MR
	d. jockey pump out put	180 LPM ✓	Provided	MR
	e. jockey pump head	70 Mtr ✓	Provided	MR
	f. Standby Pump output	2280 LPM ✓	Provided	MR
	g. Stanby Pump head	70 Mtr ✓	Provided	MR
	h. Auto Starting/Manual stopping	Required	Provided (Both)	MR
	pump house access	Required ✓	Provided	MR
	2. Terrace level			
	a. Discharge of pump	900 LPM ✓	Provided	MR
	b. head of the pump	40 mtr ✓	Provided	MR
	c. Power supply	Required ✓	Provided	MR
	d. Auto starting of pump	Required ✓	Provided	MR
14	Captive water storage for fire fighting			
	1. Underground tank capacity	1,00,000 ltr ✓	Provided	MR
	a. Draw-off connection	Required ✓	Provided	MR
	b. fire service inlet	Required	Provided	MR
	c. Access to tank	Required ✓	Provided	MR
	Over head tank Capacity	20,000 ltr ✓	Provided	MR
15	Exit Signage.	Required ✓	Provided	MR
16	Provision of lifts.			
	a. Pressurization of lift shaft	Required ✓	Provided	MR
	b. pressurization of lift lobby	Required ✓	Provided	MR
	c. communication in lift car	Required ✓	Provided	MR
	d. Fireman's grounding switch	Required ✓	Provided	MR
	e. Lift signage	Required ✓	Provided	MR
17	Standby power supply	Required ✓	Provided	MR
18	Refuge Area.			
	total area			
	location			

19	Fire control room			
	a. detector system Panel	Required	Provided ✓	MR
	b. Flow switch Panel	Not Required	Not Required	MR
	c. PA system Panel	Required	Provided ✓	MR
	d. Batter backup	Required	Provided ✓	MR
	e. Building floor plans	Not Required	Not Required ✓	MR
20	Special Fire Protection systems for protection of special risks, if any:			

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 e Delhi Fire Service Rules 2010/issue Shortcomings as noted as serial numbers

DFA is put up, signature please.

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

[Signature]
 14/10/11

Signature of the Inspecting Officer
 Name
 Designation

[Signature]