

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

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No F 6 / DFS / MS / 2013 / 52 / 1209

Dated 14/11/13

FIRE SAFETY CERTIFICATE

Certified that the M/s K R F Ltd at Plot No. B-113, Mayapuri Industrial Area, Phase - I, New Delhi - 110064., comprised of basement, Ground + 02 upper floors owned/occupied by M/s K R F Ltd., was inspected by the officers concerned of this department on 17.10.2013 in the presence of Mr. P.K Rishi and found that the said premises have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rule, 2010 and that the premises is fit for class occupancy "Industrial" with effect from - 14/11/13 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.

Issued on 14/11/13 at New Delhi by.


(DR. G.C. MISRA)
CHIEF FIRE OFFICER
DELHI FIRE SERVICE
Ph:- 011-23414333

Copy to:- Mr. S.K Chaudhary,(Director)
K R F, Ltd., Plot No. B-113, Mayapuri Industrial Area,
Phase - 1, New Delhi - 110064

Conditions for the validity of fire safety certificate

1. All the means of escape/entry/exit shall be kept free from any obstruction.
2. All the fire protection measures shall be maintained in perfect working conditions all the times as seen during inspection.
3. All the staff members must know the correct method operation of fire fighting system.
4. Any lapse rendering fire fighting system/equipment non-functional shall be risk and responsibility of the management.
5. This inspection report may not in any way be treated as regularization of unauthorized construction, if any.
6. The basement shall be used strictly as per the provisions of Building Bye Laws.
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

INSPECTION REPORT

1. Name & address of the building : KRF Limited, B-113, Mayapuri Phase-I, New Delhi
2. Type of Occupancy : Industrial
3. Type of Case : New Case/Renewal
4. Details of Previous NOC : Letter No. _____ Date _____
5. Fire Safety directives letter No : F6/DFS/MS/BP/2010/1793 dated 18/6/2010
6. Date of inspection : 17/10/2013
7. Name of Inspecting Officer : DO S.K. Tomar and ADO Sandeep Duggal
8. Name and designation of officers
From the building side : Mr P.K. Rishi (Executive Director)
9. Year of Construction : 2010
10. Applicant's letter No. : Ref. no KRFL dated 07/10/2013

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks
1.	Access to building			MR/NMR
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	Accessible 5 mtrs —	12 mtrs provided —	MR MR —
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> • Upper Floors • Basements 	02 No's 02 No's	03 No's 03 No's + 1 Ramp	MR MR
	b. Width of staircases			
	<ul style="list-style-type: none"> • Upper Floor • Basements 	1.5 mtrs 1.5 mtrs	150, 134 & 130 cms 150, 130, 85 cms + Ramp 200 cms	MR (Being 03 Staircases in building) — do
	c. Protection of exits			
	<ul style="list-style-type: none"> • Fire check door • pressurization 	Required —	provided —	MR —
	d. No. of continuous staircases to terrace			
		—	02 No's	—
	e. Width of Corridor			
		—	Opening in hall	—
	f. Door Size			
		—	125 cms	—
3.	Compartmentation			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	Required Required — — —	provided provided — — —	MR MR — — —
4.	Smoke Management System			
	<ul style="list-style-type: none"> • Basements • Upper floors 	30 a/c per hour	Exhaust fans Natural Ventilation	MR MR

N/6

		12 a/c per hour	—	—
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	40 No's ABC/CO ₂ /foam ISI marked	Provided — ISI marked	MR MR MR
6.	First-Aid Hose Reels			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	02 30 m 5 mm	Provided Provided Provided	MR MR 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 Main Gate — Required Staircase	Smoke detector provided Provided — Provided Provided	MR MR — MR MR
8.	MOEFA			
9.	Public Address System			
10.	Automatic Sprinkler System			
	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	Required — Required	Provided — Provided	MR — MR
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	100 mm Two Two	Provided Provided Provided	MR MR MR
12.	Yard Hydrants			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	Required Required	Provided Provided	MR 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 ➤ Standby Pump out put ➤ Standby Pump Head ➤ Auto Starting/Manual stopping 	2280 lpm 60 mtr 01 180 lpm 40 mtr 2280 lpm 60 mtr Required	Provided 60 mtr Provided Provided Provided Provided Provided Provided	MR MR MR MR MR MR MR MR

Cam

	<ul style="list-style-type: none"> ➤ Pump House Access • Terrace level ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pump 	Required	Provided	MR
		900 lpm	Provided	MR
		40 mhs	40 mhs	MR
		Required	Provided	MR
		Required	Provided	MR
14.	Captive Water Storage for fire fighting			
	<ul style="list-style-type: none"> • Underground tank capacity ➤ Draw-off connection ➤ Fire service inlet ➤ Access to tank • Overhead Tank capacity 	01 lakh ltr	Provided	MR
		Required	-do-	MR
		Required	-do-	MR
		Required	-do-	MR
		20,000 ltr	Provided	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	<ul style="list-style-type: none"> • Pressurization of Lift Shaft • Pressurization of Lift lobby • Communication In lift Car • Fireman's Grounding Switch • Lift Signage 	NR	-	-
		NR	-	-
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17.	Standby power supply	Required	250 & 80KVA	MR
18.	Refuge Area.			
	<ul style="list-style-type: none"> ➤ Total Area ➤ Location 	-	-	-
		-	-	-
19.	Fire Control Room			
	<ul style="list-style-type: none"> • Detector System Panel • Flow Switch Panel • PA System Panel • Batter backup • Building Floor Plans 	Required	Provided	MR
		-	-	-
		-	-	-
		-	-	-
		-	-	-
20.	Special Fire Protection System for Protection of special Risks, if any:	-	-	-

N/S

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

Keeping in view the above substantial compliance of the minimum standards on fire prevention and Fire Safety measures required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of Delhi Fire Service Rules 2010/ ~~issue shortcomings as noted at serial numbers.....~~

Note :- The industrial building is comprised of basement, ground floor, first floor and second floor. Ground floor to upper floor are served by three staircases having width 150, 134 & 130cms and Ground floor to basement is served by three staircases having width 150, 130 & 85cms plus ramp 20cms (one no). The lift provided in the building is serving ground floor to second floor only as per the undertaking given by Executive Director dt 10/10/2013. one staircase from ground floor to terrace has been increased from 140cms to 150cms & one staircase from basement to ground floor has been provided of 85cms between ramp. FSC is recommended please.

S. Kumar

Signature of Inspecting Officer

Name S.K. Tomar

Designation Divisional officer

Sandeep

Signature of Inspecting Officer

Name Sandeep Duggal

Designation Asst. Divisional officer.