

SAF/0018/MS/2011/ 2409

Dated: 04/10/11

FIRE SAFETY CERTIFICATE

Certified that Plot No. F.2, Block B-1 Extn. Mohan Co-operative Industrial Estate, Badarpur, New Delhi comprised of basement, ground & two upper floors owned/ occupied by M/s B.K. Khosla & Others 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 officer concerned of Fire Services on 12.08.2011 in presence of Mr. Khosla, Owner/Occupier and that the premises is fit for occupancy class Industrial Building (Moderate hazard) with rule effect from 04/10/11 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 Rules, 2010.

Issued on ...04/10/11..... at New Delhi by


Chief Fire Officer
Delhi Fire Service

To

1. The Executive Engineer (Bldg.),
Building department, MCD, Town Hall, Delhi
2. M/s B.K. Khosla & Others
26, Bungalow road, Delhi-110007

Condition for the validity of fire safety certificate

- 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.
- 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.
- The staff shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- The Basement shall be used strictly as per the provision of Building Bye Laws.
- After installation of passenger lift, Fireman's lift grounding switch at ground floor intimation shall be given to this department for further verification.
- During the validity of Fire Safety Certificate the owner/ occupier of the premises shall make declaration every year in form 'K' of the Delhi Fire Service Rules 2010 that all the fire protection measure are in good working conditions. Form 'K' can be seen on Delhi Fire Service website www.dfs.delhigovt.nic.in.

INSPECTION REPORT

1. Name & address of the building : Plot No-F.2/B-1, MCIE, Mathura road, New Delhi
2. Type of Occupancy : Industrial
3. Type of Case : New Case
4. Details of previous NOC : Letter No. _____ Dated: _____
5. Fire Safety directives letter No : F.6/DFS/MS/BP/2007/3853 dated 31-12-2007
6. Date of inspection : 12-08-2011
7. Name of the Inspecting Officers : Shri M.K.Chattopadhyay, ADO
8. Name and designation of officers
from the building side : Shri Ashok Kumar Manager and Shri B.K.Khosla, Owner
9. Year of Construction : 2011
10. Applicant's letter No. : nil dated 11-07-2011

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			
	• Road width	9.0 mts	13.7 mts	MR
	• Gate width	4.5 mts	5 mts	MR
	• Width of internal road	3.12 mts	3.97 mts	MR
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	02	02	MR
	• Basements	02 & 01 ramp	02 & 01 ramp	MR
	b. Width of staircases			
	• Upper Floors	1.25 mts each	1.25 mts each	MR
	• Basements	1.25 mts each	1.25 mts each	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Not required	-----	-----
	e. No. of continuous staircases to terrace	02	02 but open at GF	-----
	g. Width of Corridor	NA	NA	-----
	h. Door Size	NA	NA	-----
3	Compartmentation.			
	• Fire check door	Required	Provided	MR

	<ul style="list-style-type: none"> Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers 	Required	Provided	MR
		NA	NA	-----
		NA	NA	-----
		NA	NA	-----
4	Smoke Management System.			
	<ul style="list-style-type: none"> Basements Upper floors 	30 a/c per hour	Provided	MR
		12 a/c per hour	Naturally ventilated	MR
5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	24 nos	Water CO ₂ - 08	MR
			CO ₂ - 08	MR
		ISI marked	ABC-08	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	02	MR
		30 m	30 mts each	MR
		5 mm	5 mm each	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 	Smoke	Provided	MR
		-----	Security cum fire control room	MR
		-----	GF	MR
		Required	Provided	MR
		-----	Each floor near staircases	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	Required	Provided	MR
		Required	Provided	MR
		-----	No false ceiling, hence not required	-----
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer 	100 mm	Provided	MR

	<ul style="list-style-type: none"> Number of hydrants per floor Hose Box 	02	Provided	MR
		02	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	06	Provided	MR
		06	Provided	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> Ground Level <ul style="list-style-type: none"> 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 Pump House Access Terrace level <ul style="list-style-type: none"> Discharge of pump Head of the pump Power Supply Auto Starting of pump 			
		2280 LPM	Provided	MR
		70 mts	Provided	MR
		01	Provided	MR
		180 LPM	Provided	MR
		70 mts	Provided	MR
		2280 LPM	Provided	MR
		70 mts	Provided	MR
		Required	provided	MR
		Required	Provided	MR
		900 LPM	Provided	MR
		70 mts	Provided	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 	1,00,000 lts	Provided	MR
		Required	Provided	MR
		-----	-----	-----
		Required	Provided	MR
		20,000 lts	Provided	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.	Not installed		
	<ul style="list-style-type: none"> Pressurization of Lift Shaft Pressurization of Lift lobby 			

	<ul style="list-style-type: none"> • Communication In lift Car • Fireman's Grounding Switch • Lift Signage 			
17	Standby power supply	Required	Provided (125 KVA)	MR
18	Refuge Area. NA			
	➤ Total Area			
	➤ Location			
19	Fire Control Room NA			
	<ul style="list-style-type: none"> • Detector System Panel • Flow Switch Panel • PA System Panel • Batter backup • Building Floor Plans 	----- required Required Required -----	Provided in security control Provided in security control Provided Provided -----	----- MR MR -----
20	Special Fire Protection Systems for Protection of special Risks, if any:	Required	02 ABC type fire extinguishers 5 Kg. cap. each found provided near electric panel	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.....

Signature of the Inspecting Officer

Signature of the Inspecting Officer

Name

Name M. K. CHATTOPADHYAY

Designation

Designation ADO