

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: NEW DELHI - 110 001

No. F.6/DFS/MS/Storage/SZ/2017/ 415

Dated: 20/03/17

FIRE SAFETY CERTIFICATE

Certified that the **Bansal Industries, Plot No. A-47, MCIE, Mathura Road, New Delhi-110044**, comprising of Ground and Mezzanine floor was inspected by the officer concerned of this department on 10/03/2017 in the presence of Mr. Sorabh Bansal and found that the said Storage building have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class "**Group H Storage building**" with effect from ~~2010~~ 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.

Issued on.....20/03/17.....at New Delhi by.


(Vipin Kental)
Chief Fire Officer
Tel: 011-23412225

Copy to:-

1. The Executive Engineer (Bldg.), Building Department, SDMC, Civic Center, Minto Road, New Delhi-110002
2. Sh. Sorabh Bansal, Bansal Industries, Plot No. A-47, MCIE, Mathura Road, New Delhi-110044

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 safety arrangements provided therein shall be maintained in good working condition at all time as seen during inspection. Any loss of life or property due to non-functional fire safety measures shall be at the responsibility of the management.
3. All the staff members must know the correct method of operation of firefighting system.
4. 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
5. This fire safety certificate 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 in Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry."

INSPECTION REPORT

1. Name & address of the building : Bansal Industries, Plot No. A-47, MCIE, Mathura Road, New Delhi-44.
 2. Type of Occupancy : Storage "Group-H"
 3. Type of Case : New
 4. Details of Previous NOC : NA
 5. Fire Safety directives letter No : F6/DFS/MS/2016/BP/218 dated 01/09/16
 6. Date of inspection : 10/03/2017
 7. Name of Inspecting Officer : A. K. Malik
 8. Name and designation of officer from the building side : Mr. Sorabh Bansal
 9. Year of Construction : 2017
 10. Applicant's letter No. : Nil dated 03/03/2017 outdoor diary no. 2340 dated 06/03/2017

[Ground + Mezzanine Floor in two parts]

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	UBBL/NBC Requirement	Provided at site	Remarks MR/NMR
1.	Access to building			
	<ul style="list-style-type: none"> Road width Gate width Width of internal road 	12m 4.5m NA	18m 6m x 2 Nos NA	MR MR NA
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> Upper Floors Basements 	Two NA	Two NA	MR NA
	b. Width of staircases			
	<ul style="list-style-type: none"> Upper Floor Basements 	1.5m + 0.75m (fire escape) in each part of Mezzanine Floor NA	1.5m + 1.2m & 1.5m + 0.95m NA	MR NA
	c. Protection of exits			
	<ul style="list-style-type: none"> Fire check door Pressurization 	NA NA	NA NA	NA NA
	d. No. of continuous staircases to terrace	NA	NA	NA
	e. Width of Corridor	NA	NA	NA
	f. Door Size	1.5m	2.5m x 3 Nos	MR
3.	Compartmentation			
	<ul style="list-style-type: none"> Fire check door Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers 	NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA
4.	Smoke Management System			
	<ul style="list-style-type: none"> Basements Upper floors 	NA Required	NA Exhaust Fan Provided	NA MR
5.	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types IS marking 	20 No's ABC/W.CO2/CO2 ISI marked	60 Nos 38/-/22 Yes	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 	3 at GF, 1 in each Mezzanine Floor 30m 5mm	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 	Smoke & Heat Ground Floor NA Required	Provided Provided NA Provided	MR MR NA MR

	• Hooters' Location	Required	Provided	MR
8.	MOEFA	NA	NA	NA
9.	Public Address System			
10.	Automatic Sprinkler System	NA	NA	NA
	• Basement	Required	Provided	MR
	• Ground & Above Floor	NA	NA	NA
	• Sprinkler above false ceiling			
11.	Internal Hydrants	100mm	Provided	MR
	• Size of riser/down-comer	3 at GF, 1 in each Mezzanine Floor	Provided	MR
	• Number of hydrants per floor	3 at GF, 1 in each Mezzanine Floor	Provided	MR
	• Hose Box			
12.	Yard Hydrants	Required	6 Nos	MR
	• Total number of hydrants	Required	6 Nos	MR
	• Hose Box			
13.	Pumping Arrangements			
	• Ground Level	2280 LPM	Provided	MR
	➤ Discharge of main Pump	50m	Provided	MR
	➤ Head of Main pump	One	Provided	MR
	➤ Number of main pumps	180 LPM	Provided	MR
	➤ Jockey Pump out put	50m	Provided	MR
	➤ Jockey pump head	2280 LPM	Provided	MR
	➤ Standby Pump out put	50m	Provided	MR
	➤ Standby Pump Head	Required	Provided	MR
	➤ Auto Starting/Manual Stopping	Required	Provided	MR
	➤ Pump House Access			
	• Terrace level	450 LPM	900 LPM	NA
	➤ Discharge of pump	35m	35m	NA
	➤ Head of the pump	Required	Provided	MR
	➤ Power Supply	Required	Provided	MR
	➤ Auto Starting of pump			
14.	Captive Water Storage for fire fighting	75,000 Lts	1,75,000 Lts	NA
	• Underground tank capacity	Required	Provided	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	10,000 Lts	20,000 Lts	MR
	• Overhead Tank capacity	Required	Provided	MR
15.	Exit Signage.			
16.	Provision of Lifts.	NA	NA	NA
	• Pressurization of Lift Shaft	NA	NA	NA
	• Pressurization of Lift lobby	NA	NA	NA
	• Communication In lift Car	NA	NA	NA
	• Fireman's Grounding Switch	NA	NA	NA
	• Lift Signage	Required	Provided	MR
17.	Standby power supply			
18.	Refuge Area.	NA	NA	NA
	➤ Total Area	NA	NA	NA
	➤ Location			
19.	Fire Control Room	NA	NA	NA
	• Detector System Panel	NA	NA	NA
	• Flow Switch Panel	NA	NA	NA
	• PA System Panel	NA	NA	NA
	• Batter backup	NA	NA	NA

- N/S -

Bansal Industries, Plot No. A-47, MCIE, Mathura Road, New Delhi-110044

	• Building Floor Plans	NA	NA	NA
20.	Special Fire Protection System for Protection of special Risks, if any:	NA	DCP extinguishers provided near electric panel	NA

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

Keeping in view of the above compliance of the minimum standards of fire prevention and fire safety measures as required under the rule 35 of the Delhi Fire Service Rules 2010, Fire Safety Certificate is recommended.

Accordingly DFA is put up for approval and signature.

A. K. Malik
14/3/17

Signature of Inspecting Officer
Name: A. K. Malik
Designation: DO (SD)

Dy. CFO (SZ)

Three storages were proposed with 1.5 mtrs however, only two storages have been mentioned

[Signature]