

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS DELHI FIRE SERVICE NEW DELHI-110001

NO. F-6/DFS/MS/ 2016/W2/1746

Dated 02/12/2016

FIRE SAFETY CERTIFICATE

Certified that the **Shaheed Sukhdev College of Business Studies, Sector-16, Delhi-110085** comprised of **Basement, Ground and 07 upper floors** owned/ occupied by **SAM (INDIA) Builtwell 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 officer concerned of fire service on **29.11.2016** in the presence of **Mr Sanjay Aggarwal/ Consultant (Fire)** and that the building/ premise is fit for occupancy class "**Group B**" **Educational for basement, ground and 07 upper floors** with effect from **... 02.12.16** for a period of three years in accordance with the 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.

Conditions for the validity of Fire Safety Certificate:

1. All the fire safety arrangement provided there-in shall be maintained in good working conditions at all times.
2. Loss of life or property due to non functional fire safety measure shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation with regard to the construction etc shall be verified by the concerned building sanctioning agency.
5. This certificate cannot be treated in any case for regularizations of unauthorized construction.
6. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director of Form 'J' [sub rule (1) of rule 37] along with a copy of this Certificate, six months prior to its expiry".
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.Delhi.govt.nic.in

Issued on ... **02.12.16** at New Delhi

(Atul Garg)
Chief Fire Officer
Ph:-011-23414250

Copy to :-

1. The Authorized Signatory, Shaheed Sukhdev College of Business Studies, Sector-16, Delhi-85

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INSPECTION REPORT

1. Name & address of the building : Shaheed Sukhdev College of Business Studies, Sector-15, Delhi-110085.
2. Type of Occupancy : Educational (Basement, ground plus 07 floors)
3. Type of Case : New
4. Details of previous NOC : Nil
5. Fire Safety directives letter No : F6/DFS/MS/BP/2012/4582 dated 13.12.2012.
6. Date of inspection : 29.11.2016
7. Name of the Inspecting Officers : Sh DP Bhardwaj/Dy.CFO, S. Singh/DO(NWD) & ADO (RN)
8. Name and designation of officers from the building side : Sh Sanjay Aggarwal/ Consultant (Fire)
9. Year of Construction : 2015-16
10. Applicant's letter No. : SAM/PWD/SSC/226 dated 04.11.2016

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	12m	44m	MR
	• Gate width	6m	6 m	MR
	• Width of internal road	06 Mtr	06mtr	MR
2	Number, Width, Type & Arrangement of Exits			
	c. Number of staircases			
	• Upper Floors	10 nos	10 nos	MR
	• Basements	08nos	08 nos	MR
	d. Width of staircases			
	• Upper Floors	1.50m each	1.50m each	MR
	• Basements	1.50m each	1.50m each	MR
	e. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	f. No. of continuous staircases to terrace	5nos	5nos	MR
	g. No. of continuous staircases to terrace	10 nos	10 nos	MR
	h. Width of Corridor			
	i. Door Size	2.0m in Audi & 1m in class rooms	2.0m in Audi & 1m in class rooms	MR
3	Compartmentation.			
	• Fire check door	Required	Provided	MR

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	<ul style="list-style-type: none"> Sealing of electrical shafts 	Required	Provided	MR
	<ul style="list-style-type: none"> Fire Rating of shaft door 	Required	Provided	MR
	<ul style="list-style-type: none"> Water Curtain 	Required	Provided in basement	MR
	<ul style="list-style-type: none"> Fire Dampers 	N/A	N/A	N/A
4	Smoke Management System.			
	<ul style="list-style-type: none"> Basements 	30ACPH	Provided	MR
	<ul style="list-style-type: none"> Upper floors 	12ACPH	Provided	MR
5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers 	144nos	144 nos	MR
	<ul style="list-style-type: none"> Types 	ABC/CO2	ABC -144	MR
	<ul style="list-style-type: none"> IS marking 	Required	Provided	MR
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> Total numbers on each floor 	08 nos	08 nos	MR
	<ul style="list-style-type: none"> Length of hose reel hose 	30m	30m	MR
	<ul style="list-style-type: none"> Nozzle diameter 	5mm	5mm	MR
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> Type of detectors 	Required	Provided Smoke/Heat	MR
	<ul style="list-style-type: none"> Location of Main Panel 	G.F	Provided	MR
	<ul style="list-style-type: none"> Location of Repeater Panel 	Required	Provided	MR
	<ul style="list-style-type: none"> Alternate source of power 	Required	Provided	MR
	<ul style="list-style-type: none"> Hooters' Location 	Required	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	provided	MR
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Basement 	Required	Provided	MR
	<ul style="list-style-type: none"> Upper Floor 	NA	NA	NA
	<ul style="list-style-type: none"> Sprinkler above false ceiling 	NA	NA	NA
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer 	150mm	150mm Provided	MR
	<ul style="list-style-type: none"> Number of hydrants per floor 	08 nos	08 nos Provided	MR
	<ul style="list-style-type: none"> Hose Box 	08nos each	08 nos Provided	MR
12	Yard Hydrants.			

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	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	NA	11 nos	NA
		NA	11 nos	NA
13	Pumping Arrangements.			
	➤ Ground Level			
	➤ Discharge of main Pump	2850 Lpm	2850 LPM	MR
	➤ Head of Main pump	70 mtr	Provided	MR
	➤ Number of main pumps	1nos	1nos	MR
	➤ Jockey Pump out put	280 LPM	280 LPM	MR
	➤ Jockey pump head	70 mtr	Provided	M/R
	➤ Standby Pump out put	2850LPM DG	Provided	MR
	➤ Standby Pump Head	70 mtr	Provided	MR
	➤ Auto Starting/ Manual stopping	Required	Provided	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace level			
	➤ Discharge of pump	900 lpm	Provided	MR
	➤ Head of the pump	40m	Provided	MR
	➤ Power Supply	Required	Provided	MR
	➤ Auto Starting of pump	Required	Provided	MR
14	Captive Water Storage for fire fighting.			
	• Underground tank capacity	50,000ltrs	1.50,000ltrs	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR
	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	25,000 ltrs	25,000 ltr.	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	• Pressurization of Lift Shaft	Required	Provided	MR
	• Pressurization of Lift lobby	Required	Provided	MR
	• Communication In lift Car	Required	Provided	MR
	• Fireman's Grounding Switch	Required	Provided	MR
	• Lift Signage	Required	Provided	MR

N/4

17	Standby power supply	Required	Provided DG Set	MR
18	Refuge Area.			
	➤ Total Area	NA	NA	NA
	➤ Location	NA	NA	NA
19	Fire Control Room			
	• Detector System Panel	Required	Provided	MR
	• Flow Switch Panel	Required	Provided	MR
	• PA System Panel	Required	Provided	MR
	• Batter backup	Required	Provided	MR
	• Building Floor Plans	Required	Provided	MR
20	Special Fire Protection Systems for Protection of special Risks, if any:	Required	provided in Electrical Panel Room	MR

The fire protection systems provided in the building were tested/ checked randomly and found in good working condition, at the time of inspection. **The management has complied all the shortcomings issued and communicated by this department vide letter of even no. 2342 dated 29.09.2016.**

Keeping in view the satisfactory compliance of the minimum standard on fire prevention and fire safety requirements as per fire safety guidelines issued vide letter of even no. 4582 dated 13.12.2012, it is recommended to issue Fire Safety Certificate.

[Signature]
30/11/16
D P Bhardwaj
(DyCFO/WZ)

[Signature]
30.11.16
Suresh Singh
(DO/NWD)

[Signature]
Rajesh Kumar
(ADO/RN & Rohir)

[Signature]
11/12/16
CFO West