

NO.F6/DFS/MS/2011/ 2293

Dated: 23/09/2011

FIRE SAFETY CERTIFICATE

Certified that the **Vivekanand Institute for Professional Studies** located at **AU Block, Pitampura, New Delhi** comprised of **basement, ground and four upper floors (Block-1)** owned / occupied by **Strength India Educational Society (Registered)** 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 Delhi Fire Service on 18-08-2011 in the presence of Mr. Naresh Agarwal, Secretary and that the building / premises is fit for occupancy class Educational Building with effect from ~~23/09/2011~~ 23/09/2011 for a period of 03 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 ~~23/09/11~~ 23/09/11 at New Delhi by


Director
Delhi fire service

Copy to: -

1. The Secretary, Strength India Educational Society (Registered), 25, Shivaji Marg, Old Najafgarh road, New Delhi-15
2. The Dy. Director Resi & Istle) Building, DDA, Resi & Instle (Building Section), INA, Vikas Sadan, 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. Basement shall be used as per BBL.
- 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 website www.dfs.delhigovt.nic.in

With reference above quote letter received from Mr. Naresh Agrawal, Secretary of Strength India Educational Society (Registered), 25, Shivaji Marg, Old Najafgarh Road, New Delhi-15. regarding the grant of fire safety certificate in respect of Block B-1 of Vivekanand Institute for Professional studies located at AU Block, Pitampura, New Delhi. The said premises have been inspected by ADO (Wazipur) in presence of Mr. Naresh Agrawal, Secretary of Strength India Educational Society (Registered) on 18-08-2011 to verify the compliance of fire safety arrangements already communicated by this department vide letter no.F.6/DFS/MS/BP/2010/741 date 11-03-2010. During inspection, it was observed that said block B-1 is comprised of basement, ground & four upper floors block. Block B-2 is under construction. The details of fire safety arrangements is as under :-

1. Name & address of the building : Vivekanand Institute for Professional studies, Block-A, AU Pitampura, New Delhi
2. Type of Occupancy : Class B (Educational)
3. Type of Case : New Case
4. Details of previous NOC : Letter no. nil dated nil
5. Fire Safety directives letter No. : Nil (as per Dir. of Edu. Letter dated 01-03-2011 / F-6/DFS/MS/BP/2010/741 dated 11.3.2010)
6. Date of inspection : 19/09/2011
7. Name of the Inspecting Officers : A.D.O. Khokar
8. Name and designation of officers
From the building side : Mr. Naveen Vats
9. Year of Construction : 2010, Completion 2011
10. Applicant's letter No. : SIESVPVIPS/DFS/2K11/366 dated 25/07/2011

INSPECTION REPORT

Point wise fire safety arrangements/equipments are mentioned as under:-

S. No.	Minimum Standards on fire Prevention and fire safety U/R 33	N.B.C Requirement	Provided at site	Remarks MR/NMR
1.	Access to building	Required	Provided	M/R
	• Road width	9 mtrs	7.5 mtrs wide slip road merging into 11 mtrs wide main road	M/R

	<ul style="list-style-type: none"> Gate width 	05 mtrs	5 mtrs	M/R
	<ul style="list-style-type: none"> Width of internal road 	6 mtr	12 mtr	M.R.
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases	Two	Two	M/R
	<ul style="list-style-type: none"> Upper Floors 	Two	Two	M/R
	<ul style="list-style-type: none"> Basement 	Two	Two	M/R
	b. Width of staircases	2 mtr	2 mtr	M/R
	<ul style="list-style-type: none"> Upper Floors 	2 mtr	2 mtr	M/R
	<ul style="list-style-type: none"> Basement 	2 mtr	2 mtr	M/R
	c. Protection of exits			
	<ul style="list-style-type: none"> Fire check door 	Provided	Provided	M/R
	<ul style="list-style-type: none"> Pressurization 	Provided	Provided	M/R
	d. No. of continuous staircases to terrace	Two	Two	M/R
	e. Width of Corridor	2700 m.m 2 mtrs.	2 mtr 2700 m.m. provided	M/R
	f. Door size	1.10 mtrs		MR
3.	Compartmentation.			
	<ul style="list-style-type: none"> Fire check door 	Provided	Provided	M/R
	<ul style="list-style-type: none"> Sealing of electrical shafts 	-	-	M/R
	<ul style="list-style-type: none"> Fire Rating of shaft door 	2 hrs	2 hrs	M/R
	<ul style="list-style-type: none"> Water Curtain 	N.A.	N.A.	M/R
	<ul style="list-style-type: none"> Fire Dampers 	Provided	Provided	M/R
4.	Smoke Management System.			
	<ul style="list-style-type: none"> Basements 	Mechanical Ventionlation as per NBC part IV	Provided	M/R

5.	Fire Extinguishers			
	• Total numbers	21 nos	27 nos	M/R ✓
	• Types	ABC	ABC	M/R ✓
	• IS marking	ISI marked	ISI	M/R ✓
6.	First-Aid Hose Rees.			
	• Total numbers on each floor	Two	two	M/R ✓
	• Length of hose reel hose	30 m	30 mtr	M/R ✓
	• Nozzle diameter	5 mm	5 mm	M/R ✓
7.	Automatic fire detection and alarming system.			
	• Type of detectors	Smoke & heat type	Smoke & heat type	M/R ✓
	• Location of Main Panel	Basement	Provided	M/R ✓
	• Location of Repeater Panel	Ground floor	Provided	M/R ✓
	• Alternate source of power	D.G. 500 K.V.A	Provided	M/R ✓
	• Hooter's Location	Provided	Provided	M/R ✓
8.	MOEFA	Provided	Provided	M/R ✓
9.	Public Address System.	Yes	Provided	M/R ✓
10.	Automatic Sprinkler system	Basement		
	• Basement	Basement	Provided	M/R ✓
	• Upper Floor	N/R	N/R	M/R ✓
	• Sprinkler above false ceiling	Required	Required & Provided	M/R ✓
11.	Internal Hydrants			

	<ul style="list-style-type: none"> • Size of riser/down-comer 	150 m.m.	Provided	M/R ✓
	<ul style="list-style-type: none"> • Number of hydrants per floor 	three	Provided	M/R ✓
	<ul style="list-style-type: none"> • Hose Box 	three	Provided	M/R ✓
12.	Yard Hydrants.			
	<ul style="list-style-type: none"> • Total number of hydrants 	Two	Two	M/R ✓
	<ul style="list-style-type: none"> • Hose Box 	Two	Provided	M/R ✓
13.	Pumping Arrangements.			
	Ground Level			
	➤ Discharge of main pump	2280 LPM	Provided	M/R ✓
	➤ Head of Main pump	80 mtr	Provided	M/R ✓
	➤ Number of main pumps	3	Provided	M/R ✓
	➤ Jockey Pump out put	180 LPM.	Provided	M/R ✓
	➤ Jockey pump head	80 mtr	Provided	M/R ✓
	➤ Standby pump out put	2280 LPM	Provided	M/R ✓
	➤ Standby pump Head	80 mtr	Provided	M/R ✓
	➤ Auto Starting/Manual stopping	auto	Provided	M/R ✓
	➤ Pump Hose Access	Accessible	Provided	M/R ✓
	Terrace level	N.R.	N.R	M/R ✓
	➤ Discharge of pump	N.R.	N.R	M/R ✓
	➤ Head of the pump	N.R.	N.R	M/R ✓
	➤ Power supply	N.R.	N.R	M/R ✓

	➤ Auto Starting of pump	N.A.	✓	
14.	Captive Water Storage for fire fighting.			
	Underground tank capacity	2 Lac.	Provided	M/R ✓
	➤ Draw -off connection	Required	Provided	M/R ✓
	➤ Fire service inlet	Required	Provided	M/R ✓
	➤ Access to tank	Required	Provided	M/R ✓
	➤ Overhead Tank Capacity	25,000	Provided	M/R ✓
15	Exit Signage.	Required	Provided	M/R ✓
16.	Provision of Lifts			
	• Pressurization of Lift Shaft	Required	Provided	M/R ✓
	• Pressurization of Lift lobby	Required	Provided	M/R ✓
	• Communication In lift Car	Required	Provided	M/R ✓
	• Fireman's Grounding Switch	Required	Provided	M/R ✓
	• Lift Signage	Required	Provided	M/R ✓
17.	Standby power supply	Required	500 KVA	M/R ✓
18.	Refuge Area	N.A.	N.A.	M/R ✓
	➤ Total Area	N.A.	N.A.	✓
	➤ Location	N.A.	N.A.	✓
19.	Fire Control Room	Ground	Provided	M/R ✓
	➤ Detector System Panel	Required	Provided	M/R ✓
	➤ Flow Switch Panel	Required	Provided	M/R ✓
	➤ PA system Panel	Required	Provided	M/R ✓

	➤ Batter backup	Required	Provided	M/R ✓
	➤ Building Floor plans	Required	Provided	M/R ✓
20.	Special Fire Protection Systems for Protection of special Risks, if any:	N/A	N.A.	M/R ✓

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/

Signature of the Inspection Officer

Signature of the Inspection Officer

Name RAJMAL KHOKHAR.

Name

Designation Asst. Div. Officer

Designation