

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

Fax:23412593,E-mail:cfohq.difire@nic.in

No. F6/DFS/MS/2013/NOZ/469

Dated: 24/06/13

**FIRE SAFETY CERTIFICATE**

Certified that the Maharaja Aggrasen College at Vasundhara Enclave, Delhi, comprised of basement, ground plus three upper floors, owned/occupied by Govt. of NCT of Delhi (PWD) 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 officers concerned of Fire Service on 17.05.2013 in the presence of Sh. R.K.Bhardwaj(AE-E) PWD and that the building is fit for occupancy group B "Educational Building" with effect from 24/06/13.. 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, printed overleaf.

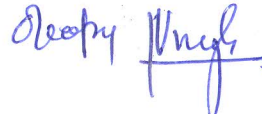
Issued on.....24/06/13.....at New Delhi by

  
(Dr.G.C.Misra)  
Chief Fire Officer  
Delhi Fire Service  
Ph.23414333

To,  
The Principal  
Maharaja Aggrasen College  
Vasundhara Enclave, Delhi-96.

Copy to:-

1. The Executive Engineer (E),  
B-242(N), PWD, GTB Hospital Complex,  
Shahdara, Delhi-95. Ph.23414333
2. The Joint Director (Bldg) (L & I),  
DDA Building Department  
INA, Vikas Sadan, New Delhi.



CONDITIONS:

1. All the means of escape shall be kept free of all type of obstruction all the time.
2. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
3. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
4. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. Internal access road of 6 mtrs wide all around building blocks must be kept clear all the time for free movement of fire engines in case of fire.
6. Basement shall be used as per BBL.
7. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in).
8. This Fire Safety Certificate may not be treated in any case for regularizations of unauthorized construction/ unauthorized use of land if any .

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**INSPECTION REPORT**

1. Name & address of the building: Maharaja Agrasen College ,Vasundhara Enclave,Delhi-96.
2. Type of Occupancy : Institutional (College)
3. Type of Case : New Case
4. Details of Previous NOC : Nil
5. Fire Safety directives No : F6/DFS/MS/BP/2008/227 Dated 30.01.2008.
6. Date of Inspection : 17.05.13
7. Name of the Inspecting Officer : DO Virendra Singh
8. Name of the designation of Officer  
From the building side : Sh.R.K.Bhardwaj(AE),Sh.Sunil Ahalluwalia,Sh.Sunil Mehta with other staff.
9. Year of Construction : 2010- 2011
- 10.Applicant's letter No :54/Masc-III)EE(E)/B-242/121 dated 03/05/13

S.NO.	Minimum Standards on fire prevention and fire safety U/R33	NBC Requirement	Provided at Site	Remarks MR/NMR
1	Access to building			
	• Road width	12 Mtrs.	24 Mtrs.	MR
	• Gate width	6 Mtrs.	6 Mtrs.	MR
	• Width of internal road	6 Mtrs.	6 Mtrs.	MR
2	Number, Width, Type and Arrangement of Exits			
	a. Number of Staircases			
	• Upper Floor	5 nos.	5 nos.	MR
	• Basement	2 nos.	3 no.+2 Ramp	MR
	B. Width of Staircases			
	• Upper Floor	1.5 & 1.75 M	Provided	MR
	• Basement	1.5 & 1.75 M	Provided	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	e. No. of continuous staircases to terrace	2nos.	5 Nos.	MR
	g. Width of Corridor	1.5 Mtrs.	1.5 & 2.30 M.	MR
	h. Door Size	1.0 Mtr.	1.0 Mtrs.	MR
3	Compartmentation.	Required	Provided	
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Sealed	MR
	• Fire rating of shaft door	2 hrs.	Provided	MR
	• Water curtain	Not Required	-----	-----
	• Fire Dampers	Not Required	-----	-----
4	Smoke Management System.			
	• Basement	30a/c per hour	Provided	MR
	• Upper floor	12 a/c per hour	Provided	MR
5.	Fire Extinguisher			
	• Total numbers	53 Nos.	55 Nos.	MR
	• types	ABC & Co2	Provided	MR
	• IS marking	ISI marked	Provided	MR

Maharaja Agrasen College ,Vasundhara Enclave,Delhi-96.

6	First-aid-Hose Reels.			
	• Total numbers of each floor	5 nos.	Provided	MR
	• Length of hose reel hose	36 m	Provided	MR
	• Nozzle diameter	5 mm	Provided	MR
7	Automatic fire detection and alarming system.			
	• Type of detectors	Heat & smoke	Provided	MR
	• Location of main panel	Ground Floor	Provided	MR
	• Location of repeater panel	Security Room	Provided	MR
	• Alternate source of power	Battery & DG Set	Provided	MR
	• Hooters's location	Staircase	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public address System.	Required	Provided	MR
10	Automatic Sprinkler System.	Required	Provided	MR
	• basement	Required	Provided	MR
	• upper floor	N/A	-----	-----
	• sprinkler above false ceiling	N/A	-----	-----
11	Internal Hydrants			
	• size of riser/down-comer	150 mm	150 mm	MR
	• Number of hydrants per floor	5 Nos.	5 Nos.	MR
	• Hose Box	5 Nos.	Provided	MR
12	Yard Hydrants.			
	• Total number of hydrants	3 Nos.	Provided	MR
	• Hose Box	3 Nos.	Provided	MR
13	Pumping Arrangements.			
	• Ground Level	2280 LPM	2280 LPM	MR
	➤ Discharge of main Pump	2280 LPM	Provided	MR
	➤ Head of Main Pump	70 Mtrs.	80 mtrs	MR
	➤ Number of main pumps	1 no.	1 no.	MR
	➤ Jockey pump out put	180 LPM	180 LPM	MR
	➤ Jockey pump head	70 Mtrs.	80 mtrs.	MR
	➤ Standby pump out put	2280 LPM	2280 LPM	MR
	➤ Standby pump Head	70Mtrs	80 Mtrs.	MR
	➤ Auto Starting /Manual stopping	Required	Auto	MR
	➤ Pump House Access	Required	Provided	MR
	• Terrace Level			
	➤ Discharge of pump	900 LPM	Provided	MR
	➤ Head of the Pump	40 Mtrs.	Provided	MR
	➤ Power supply	Required	Provided	MR
	➤ Auto Starting of pump	Required	Provided	MR
14	Captive Water Storage for Fire Fighting.			
	• Underground tank capacity	50,000 Ltrs.	50,000 Ltrs.	MR
	➤ Draw-off connection	Required	Provided	MR
	➤ Fire service inlet	Required	Provided	MR

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	➤ Access to tank	Required	Provided	MR
	• Overhead Tank capacity	10,000 Ltrs.	Provided	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	• Pressurization of Lift Shaft	Required	Provided	MR
	• Pressurization of Lift lobby	Not Required	-----	-----
	• Communication in lift car	Required	Provided	MR
	• Firemen's grounding switch	Required	Provided	MR
	• Lift Signage	Required	Not Provided	MR
17	Standby power supply	Required	1000 KVA	MR
18	Refuge Area.	N/A		
	• Total area	-----	-----	-----
	• Location	-----	-----	-----
19	Fire Control Room			
	• Detector system panel	Required	Provided	MR
	• Flow switch panel	Required	----do----	MR
	• PA system panel	Required	----do-----	MR
	• Battery backup	Required	----do----	MR
	• Building Floor Plans	Required	----do---	MR
20	Special Fire Protection systems for protection of special Risks, if any:	N/A	-----	-----

The fire protection systems provided in the building were tested 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 Rule 2010.



~~CFO~~

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Signature of the Inspecting Officer  
 Name **VIRENDRA SINGH**  
 Designation **DO (CE)**