

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

NO. F-6/DFS/MS/ 2017/ W2/336

Dated 8/3/2017

FIRE SAFETY CERTIFICATE

Certified that the **Maharaja Agrasen Institute of Technology, PSP Area, Plot No.-1, Sector-22, Rohini, Delhi-110086** comprised of **Academic Block(01 to 06)- Basement + G + 03 floors, Admin Block- Ground + 03 upper floors, Library Block-- Basement + G + 04 upper floors and Hostel Block-(2 Building inter connected)-Basement+G+03 floors & Ground+ 04 floors** was issued NOC vide this office letter no. F-6/DFS/MS/BP/2010/3030 dated 27.10.2010 owned/ occupied by **Maharaja Agrarsen Technical Education Society (Regd.)** have deemed 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 **14.02.2017** in the presence of **Mr T.R. Garg (General Secretary)** and that the building/ premise is fit for occupancy class **"Group B" Educational for basement, ground and 03 upper floors** with effect from ...**8/3/17**..... 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.Delhigovt.nic.in

Issued on**8/3/17**..... at New Delhi

(Atul Garg)

Chief Fire Officer

Ph:-011-23414250

Copy to :-

1. **The General Secretary, Maharaja Agrasen Institute of Technology, PSP Area, Plot No.-1, Sector- 22, Rohini, Delhi.**

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INSPECTION REPORT

1. Name & address of the building : Maharaja Agrasen Institute of Technology, PSP Area, P.No. 1
Sector-22, Rohini, Delhi-110086.
2. Type of Occupancy : Educational Admin Block (G+3)
3. Type of Case : New Academic Block I to 6(B+G+4)
4. Details of previous NOC : Nil Library (B+G+4)
5. Fire Safety directives letter No : -- Hostel block (1st block, G+4 & 2nd block B+G+3)
6. Date of inspection : 14/02/2017
7. Name of the Inspecting Officers : Rajesh Kumar /ADO (RN)
8. Name and designation of officers : Sh. T.R Garg
from the building side :
9. Year of Construction : 2007
10. Applicant's letter No. : MATES/Fire service/2017 dated 17.01.2017

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	06m	06m	MR
	• Gate width	05m	05m	MR
	• Width of internal road	NA	NA	NA
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	02 in each block 01 in library	Academic---02 nos each Admin---02 nos each Library---02 nos Hostel ----04 nos	MR
	Basements	02 in each block	02 no's in each blocks	MR
	b. Width of staircases			
	• Upper Floors	1.50m	Academic---1.50m & 1.48m Admin---1.30m & 1.40m Library---1.50m & 1.0m Hostel ----1.20mx2 & 1.50mx2	MR Old case
	Basements	02 nos each	Academic---1.50m & 1.48m Library---1.50m & 1.0m Hostel ----1.50m & 1.20m	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	NA	NA	NA

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	d. No. of continuous staircases to terrace	01	01	MR
	e. Width of Corridor	1.50m	1.50m	MR
	f. Door Size	01M	01M	MR
3	Compartmentation.			
	• Fire check door	Required in basement of library block	Provided	MR
	• Sealing of electrical shafts	NA	NA	NA
	• Fire Rating of shaft door	NA	NA	NA
	• Water Curtain	NA	NA	NA
	• Fire Dampers	NA	NA	NA
4	Smoke Management System.			
	• Basements	30 a/c per hour	Exhaust fan Provided	MR
	• Upper floors	12 a/c per hour	Natural ventilation	MR
5	Fire Extinguishers			
	• Total numbers	130 nos	130nos	MR
	• Types	ABC/co2	ABC-80, CO2—50 type	MR
	• IS marking	ISI marks	Provided	MR
6	First-Aid Hose Reels.			
	• Total numbers on each floor	01 at each block	Provided	MR
	• Length of hose reel hose	30m	Provided	MR
	• Nozzle diameter	5mm	Provided	MR
7	Automatic fire detection and alarming system. In Auditorium			
	• Type of detectors	NA	NA	NA
	• Location of Main Panel	NA	NA	NA
	• Location of Repeater Panel	NA	NA	NA
	• Alternate source of power	NA	NA	NA
	• Hooters' Location	NA	NA	NA
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR

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10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> • Basement • Upper Floor • Sprinkler above false ceiling 	Required	Provided	MR
		Required Library Block	Provided	MR
		NA	NA	NA
11	Internal Hydrants			
	<ul style="list-style-type: none"> • Size of riser/down-comer • Number of hydrants per floor • Hose Box 	100mm	Provided	MR
		01	Provided	MR
		01	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> • Total number of hydrants • Hose Box 	02 in each block	Provided	MR
		02 in Audi	Provided	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> ➤ Ground Level ➤ 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 			
		2850 lpm	2850 lpm	MR
		40m	40m	MR
		NA	NA	NA
		180 lpm	180 lpm	MR
		40m	40m	MR
		2850 lpm	2850 lpm	MR
		40m	40m	MR
		Required	Provided	MR
		NA	NA	NA
		900 lpm	900 lpm	MR
		40m	40m	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 	2,00000 ltr	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR

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N/S

	• Overhead Tank capacity	20,000 ltrs	Provided	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	• 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	NA	NA	NA
17	Standby power supply	Required	500 kva	MR
18	Refuge Area.			
	➤ Total Area	NA	NA	NA
	➤ Location	NA	NA	NA
19	Fire Control Room			
	• Detector System Panel	NA	NA	NA
	• Flow Switch Panel	NA	NA	NA
	• PA System Panel	NA	NA	NA
	• Batter backup	NA	NA	NA
	• Building Floor Plans	NA	NA	NA
20	Special Fire Protection Systems for Protection of special Risks, if any:	NA	NA	NA

The fire protection systems provided in the building were tested/ checked randomly and found in good working condition, at the time of inspection. **The Academic block 7,8,9 and Auditorium block are high rise blocks and will be dealt separately as per record available the building plans of these blocks has not been approved by this department.**

Keeping in view the satisfactory compliance of the minimum standard on fire safety requirements as per fire safety certificate issued vide letter of even no. 3030 dated 27.10.2010, it is recommended to issue Fire Safety Certificate.

Handwritten signature

Rajesh Kumar
ADO/RN

DOINWSP Singh
17.2.17
Dy. CE/W2

Fix up inspection