

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

NO. F-6/DFS/MS/ 2016/ W2/1103

Dated 1/7/2016

FIRE SAFETY CERTIFICATE

Certified that the **Art & Social Science Building, University of Delhi, North Campus, Delhi-110007** comprised of **Basement, Ground and 03 upper floors** owned/occupied by **University of Delhi, North Campus** 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 **21.06.2016** in the presence of **Mr Rajender Singh (Exc. Engineer, D.U.)** and that the building/ premise is fit for occupancy class "**Group B**" Educational for **basement, ground and 03 upper floors** with effect from **1/7/16**..... 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.Delhigovt.nic.in

Issued on **1/7/16**..... at New Delhi



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



Copy to :-

1. The University Engineer/ Engg Deptt, North Campus, University of Delhi, Delhi.

N/3

INSPECTION REPORT

1. Name & address of the building : Arts & Social Science Building, University of Delhi, North Campus, Delhi-110007.
2. Type of Occupancy : Educational (Basement, ground plus 03 floors) Ht 17.2m
3. Type of Case : New
4. Details of previous NOC : Nil
5. Fire Safety directives letter No : F6/DFS/MS/BP/2013/306 dated 07.10.2013.
6. Date of inspection : 21.06.2016
7. Name of the Inspecting Officers : Suresh Singh/DO(NWD) & Rajesh Kumar /ADO (RN)
8. Name and designation of officers from the building side : Mr Rajender Singh (Exc, Engineer, D.U)
9. Year of Construction : 2015-16
10. Applicant's letter No. : UE/231/DU/2016-17/ dated 22.04.2016

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	9m	12m	MR
	• Gate width	4.5 m	5 m	MR
	• Width of internal road	06 Mtr	06mtr	MR
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	5 nos	05 nos	MR
	• Basements	06nos+ 02 ramp	06 nos + 02 ramp	MR
	b. Width of staircases			
	• Upper Floors	1.50m each	1.75mx5	MR
	• Basements	1.50m each	1.75m X 5, 1.50mX1 Ramp-4.0m each	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	Required	Provided	MR
	d. No. of continuous staircases to terrace	5nos	5nos	MR
	e. Width of Corridor	1.50m	Provided	MR

	f. Door Size	1m in class rooms and 1.50 m in lecture hall	Provided	MR
3	Compartmentation.			
	<ul style="list-style-type: none"> • Fire check door 	Required	provided	MR
	<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	Fresh air ducts provided in basement	MR
	<ul style="list-style-type: none"> • Upper floors 	12ACPH	Fresh air provided	MR
5	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers 	50nos	50 nos	MR
	<ul style="list-style-type: none"> • Types 	ISI marked	WCO2-5, Co2-15 & ABC-30	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 	04 nos	04 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	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 	At strategic locations	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
		NA	NA	NA

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	<ul style="list-style-type: none"> Upper Floor Sprinkler above false ceiling 	Required	Provided	MR
11	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer Number of hydrants per floor Hose Box 	150mm	Provided	MR
		04 nos each	Provided	MR
		04nos each	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants Hose Box 	09nos	09 nos	MR
		05	09 nos	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 	2280 Lpm	2280 LPM	MR
		70 mtr	Provided could not check	MR
		2nos	2nos	MR
		180 LPM	180 LPM	MR
		70 mtr	Provided	M/R
		2280LPM DG	Provided	MR
		70 mtr	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
	<ul style="list-style-type: none"> • Terrace level ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pump 	900 lpm	Provided	MR
		40m	Provided	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 • Overhead Tank capacity 	75,000ltrs	75,000ltrs	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		20,000 ltrs	20,000 ltr.	MR
15	Exit Signage.			
		Required	Provided	MR

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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
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. 2415 dated 20.11.2015.**

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. 306 dated 07.10.2013, it is recommended to issue Fire Safety Certificate.

Signature of the Inspecting Officer

Name Suresh Singh

Designation DO/N/O.

S Singh
29.6.16

Dy CEO (W2)

cto west
29/06/16

AT D/c

Signature of the Inspecting Officer

Name Rajesh Kumar

Designation ADO/RN

[Signature]
29/6/16

As approved, F.T. letter is put up for