

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

No. F6/DFS/MS/2012/1470

Dated: 24/04/12

FIRE SAFETY CERTIFICATE

Certified that the building of GH-I & GH-II at Guru Gobind Singh Indraprastha University located at Sector-16-C, Dwarka, New Delhi-110075. GH-I & GH-II buildings comprised of Ground plus nine upper floors owned/ occupied by Management of Guru Gobind Singh Indraprastha University 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 19.04.2012 in the presence of Sh. Ajay Gupta (E.E Civil), A.K. Verma & Ghyan Shyam and that the building / premises is fit for occupancy class- group-A (residential) w.e.f. the date of issue of this certificate for a period of three 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 printed overleaf.

Issued on.....at New Delhi.


CHIEF FIRE OFFICER
For DIRECTOR
DELHI FIRE SERVICE

Copy to:-

1. The Executive Engineer,
University Works Division,
Guru Gobind Singh Indraprastha University,
Sec-16 C, Dwarka, New Delhi-110075.
2. Dr. B.P.Joshi (Registrar)
Guru Gobind Singh Indraprastha University
Sector-16 C, Dwarka, New Delhi-110077.
(Ref No. GGSIPU/UWD/2012/371/5386 dated 22.02.12)

Following fire safety directives must be adhered to –

1. All the fire safety arrangements provided therein shall be maintained in good working condition at all times.
2. Any loss of life or property due to non- functional fire safety measures shall be at the risk & responsibility of the management.
3. The trained staff should be available round the clock.
4. Any deviation w.r.t. construction shall be verified by the concerned building sanctioning agency.
5. The certificate may not be treated in any case for regularization of unauthorized construction, if any.
6. The owner/occupier shall submit a declaration every year in form 'K' Provided in the first schedule of Delhi Fire Service Rules 2010, form is available on www.dfs.delhigovt.nic.in

Stilt plus Nine & Six Upper floors

INSPECTION REPORT

1. Name & address of the building : Type-IV & V Quarters 1st & 2nd Block of G.G.SIPO, Sec-16, Darya, N.D.-75
2. Type of Occupancy : Residential
3. Type of Case : New Case/Renewal
4. Details of Previous NOC : Letter No. N/A Date
5. Fire Safety directives letter No : F.6/DPS/MS/BP/2006/1208 dated 25.05.2006
6. Date of inspection : 19.04.2012
7. Name of Inspecting Officer : D.O H.L. Anuja & A.D.O P.S. Dahiya
8. Name and designation of officers
From the building side : Sh. Anuj Gupta (E.E), A.K. Verma, Ghan Shyam
9. Year of Construction : 2010-2011
10. Applicant's letter No. : G.G.SIPO/UWD/2012/371/5386 dated 29.02.12.

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	NBC/BBL Requirement	Provided at site	Remarks
1.	Access to building			MR/NMR
	<ul style="list-style-type: none"> • Road width • Gate width • Width of internal road 	<p>12mtr</p> <p>-</p> <p>-</p>	<p>12mtr</p> <p>5.50mtr</p> <p>06mtr</p>	<p>MR</p> <p>MR</p> <p>MR</p>
2.	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	<ul style="list-style-type: none"> • Upper Floors • Basements 	<p>Four</p> <p>- do -</p> <p>-</p>	<p>Four</p> <p>- do -</p> <p>-</p>	<p>MR</p> <p>MR</p> <p>No Basement</p>
	b. Width of staircases			
	<ul style="list-style-type: none"> • Upper Floor • Basements 	<p>150cms, 125cms</p> <p>-</p>	<p>124cms, 128cms</p> <p>126cms, 128cms</p> <p>-</p>	<p>MR, As fate Accompli</p> <p>No Basement</p>
	c. Protection of exits			
	<ul style="list-style-type: none"> • Fire check door • pressurization 	<p>NIR</p> <p>NIR</p>	<p>-</p> <p>-</p>	<p>-</p> <p>-</p>
	d. No. of continuous staircases to terrace			
	e. Width of Corridor			
	f. Door Size			
			<p>Four</p> <p>Four</p> <p>180cms, 260cms</p> <p>88cms x 207cms</p> <p>90cms x 204cms</p>	<p>MR</p> <p>MR</p> <p>MR</p> <p>MR</p>
3.	Compartmentation			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	<p>NIR</p> <p>Required</p> <p>N/A</p> <p>N/A</p> <p>N/A</p>	<p>-</p> <p>Sealed</p> <p>-</p> <p>-</p> <p>-</p>	<p>-</p> <p>MR</p> <p>-</p> <p>-</p> <p>-</p>
4.	Smoke Management System			
	<ul style="list-style-type: none"> • Basements • Upper floors 	<p>30 a/c per hour</p>	<p>-</p> <p>Natural Ventilation</p>	<p>No Basement</p> <p>MR</p>

		12 a/c per hour	←	←
5.	Fire Extinguishers			
	• Total numbers	Six at each floor	Provided	MR
	• Types	CO ₂ , WCO ₂ , A.B.C	- do -	MR
	• IS marking	ISI marked	ISI marked	MR
6.	First-Aid Hose Reels			
	• Total numbers on each floor	One in each (Type IV & V)	Provided	MR
	• Length of hose reel hose	30 m	- do -	MR
	• Nozzle diameter	5 mm	- do -	MR
7.	Automatic fire detection and alarming system			
	• Type of detectors	N/A	←	←
	• Location of Main Panel	←	Near main gate	MR
	• Location of Repeater Panel	N/A	←	←
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	←	Near Staircase	MR
8.	MOEFA	Required	Provided	MR
9.	Public Address System	- do -	- do -	MR
10.	Automatic Sprinkler System			
	• Basement	←	←	No Basement
	• Upper Floor	N/R	←	←
	• Sprinkler above false ceiling	N/R	←	←
11.	Internal Hydrants			
	• Size of riser/down-comer	←	100 m.m	MR
	• Number of hydrants per floor	←	Two (Type IV & V) Both Blocks	MR
	• Hose Box	←	Provided	MR
12.	Yard Hydrants			
	• Total number of hydrants	←	06 Nos	MR
	• Hose Box	←	- do -	MR
13.	Pumping Arrangements			
	• Ground Level			
	➤ Discharge of main Pump	2850 LPM	2850 LPM	MR
	➤ Head of Main pump	70 M	70 M	MR
	➤ Number of main pumps	←	One	MR
	➤ Jockey Pump out put	180 LPM	180 LPM	MR
	➤ Jockey pump head	←	40 M	MR
	➤ Standby Pump out put	2850 LPM	2850 LPM	MR
	➤ Standby Pump Head	70 M	70 M	MR
	➤ Auto Starting/Manual stopping	←	Both	MR

	<ul style="list-style-type: none"> ➤ Pump House Access • Terrace level ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pump 	-	Accessible	MR
		N/A	-	-
		N/A	-	-
		N/A	-	-
		N/A	-	-
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 	200000 ltr	Provided	MR
		Required	Provided	MR
		- do -	- do -	MR
		-	Accessible	MR
		20000 ltr	Provided	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	<ul style="list-style-type: none"> • Pressurization of Lift Shaft • Pressurization of Lift lobby • Communication In lift Car • Fireman's Grounding Switch • Lift Signage 	N/A	-	-
		N/A	-	-
		Required	Provided	MR
		- do -	- do -	MR
		- do -	- do -	MR
17.	Standby power supply	Required	Provided	MR
18.	Refuge Area.			
	<ul style="list-style-type: none"> ➤ Total Area ➤ Location 	Required	Provided	MR
		-	6 th floor	MR
19.	Fire Control Room			
	<ul style="list-style-type: none"> • Detector System Panel • Flow Switch Panel • PA System Panel • Batter backup • Building Floor Plans 	N/A	-	-
		N/A	-	-
		Required	Provided	MR
		- do -	- do -	MR
		- do -	- do -	MR
20.	Special Fire Protection System for Protection of special Risks, if any:	N/A	-	-

The fire protection systems provided in the building were test checked and found functional at the time of inspection.

Keeping in view the above substantial compliance of the minimum standards on fire prevention and Fire Safety measures required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of Delhi Fire Service Rules 2010/ ~~issue shortcomings as noted at serial numbers.....~~

Note:- The building of Type IV & V, 1st & 2nd Block are comprised of Stilt plus nine & six floors having four staircases. The working width of the staircases found 128cms instead of 150cms and 124cms, 126cms instead of 125cms which is less than requirements, the management has stated that the buildings are already constructed and the width of staircases can-not be increased at this stage and requested same, may be accepted. Accordingly NOC is considered as a fate accompli.

H. Anand

Signature of Inspecting Officer

Name *H. C. Anand*

Designation *Divisional Officer*

P. S. Dahiya 20/4/12

Signature of Inspecting Officer

Name *P. S. Dahiya*

Designation *Asstt - Divisional Officer*