

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

No F 6 / DFS / MS / 2016 / WS2 / 1115

Dated 6/7/16

FIRE SAFETY CERTIFICATE

Certified that the IGIB (CSIR) Building, Delhi University Campus located at Mall Road, Delhi is **comprised of basement, ground and 06 upper floors** owned/ occupied IGIB (CSIR) 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 **29.06.2016** in the presence of **Mr C M Hodkasia (Sr Supdt Engineer)** and that the building/ premises is fit for occupancy "**Class Business Group E**" with effect from 6/7/16 for a period of **03 (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.

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
8. All the means of escape shall be kept free of any obstruction all the time to evacuate the occupant, in a safe manner, in the event of emergency.

Issued on 6/7/16..... at New Delhi by



(Atul Garg)

Chief Fire Officer

Ph-011-23414250



Copy to:-

1. Sh Bal Krishna, Controller of Administration, IGIB/CSIR, D U Campus, Mall Road, Delhi.

N/43
INSPECTION REPORT

1. Name & address of the building : CSIR IGIB, Delhi University Campus, Mall Road, Delhi..
2. Type of Occupancy : Business
3. Type of Case : old
4. Details of previous NOC : F6/DFS/MS/91/390 dated 11.03.1991.
5. Fire Safety directives letter No : 12 point minimum standard.
6. Date of inspection : 28/03/2016
7. Name of the Inspecting Officers : DO/NWD Suresh Singh & ADO (RN) Rajesh Kumar
8. Name and designation of officers
from the building side : Sh C.M. Hodkasia/ Sr. Suptd Engr. CSIR
9. Year of Construction : 1991
10. Applicant's letter No. : IGIB/North Campus/ Fire NOC/ W&S dated 27.05.2016

	Minimum Standards on fire prevention and fire safety U/R 33	BBL/NBC	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	6m	6 m	MR
	• Gate width	5m	5 m	MR
	• Width of internal road	NA	NA	NA
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases			
	• Upper Floors	03	03	MR
	• Basements	02	02	MR
	b. Width of staircases			
	• Upper Floors	1.25 m	1.50mx2 & 1.25m	MR
	• Basements	1.25m	1.25m each	MR
	c. Protection of exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	NA	NA	NA
		02	02nos	MR
	d. No. of continuous staircases to terrace			
		1.25m	1.50m	MR
	e. Width of Corridor			
		1.0m	1.0m	MR
	f. Door Size			
3	Compartmentation			
	• Fire check door	Required	Provided	MR

AK

20/4 N/44

	<ul style="list-style-type: none"> Sealing of electrical shafts Fire Rating of shaft door Water Curtain Fire Dampers 	Required	Provided	MR
		Required	Provided	MR
		NA	NA	NA
		Required	Provided	MR
4	Smoke Management System.			
	<ul style="list-style-type: none"> Basements Upper floors 	30 a/c per hour	Axial Fan provided	MR
		12 a/c per hour	Natural Ventilated	MR
5	Fire Extinguishers			
	<ul style="list-style-type: none"> Total numbers Types ISI marking 	35	35	MR
		ABC/Co2	ABC/Co2	MR
		Yes	Yes	MR
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	Required	Provided	MR
		30 m	30m	MR
		5mm	5mm	MR
7	Automatic fire detection and alarming system.			
	<ul style="list-style-type: none"> Type of detectors Location of Main Panel Location of Repeater Panel Alternate source of power Hooters' Location 	Required	Provided	MR
		Ground Floor	Provided	MR
		Each Floor	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	NA	NA	NA
10	Automatic Sprinkler System.			
	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	Required	Provided	MR
		NA	NA	NA
		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	100mm	MR
		Required	Provided	MR
		Required	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> Total number of hydrants 	Required	Provided	MR

Mh

M45

	<ul style="list-style-type: none"> • Hose Box 	Required	Provided	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> • Ground Level <ul style="list-style-type: none"> ➤ 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 	2250lpm	Provided	MR
		70m	70m	MR
		01	Provided	MR
		180lpm	Provided	MR
		70m	Provided	MR
		2250lpm	Provided	MR
		70m	Provided	MR
		R	Provided	MR
		R	Provided	MR
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
		NA	NA	NA
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 	50,000ltrs	1,00,000ltrs	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		NA	NA	NA
5	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 	NA	NA	NA
		NA	NA	NA
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	Standby power supply	Required	Provided	MR
18	Refuge Area.			
	<ul style="list-style-type: none"> ➤ Total Area ➤ Location 	N/A	N/A	N/A
		N/A	N/A	N/A

M

N/46

19	Fire Control Room		
	• Detector System Panel	N/A	N/A
	• Flow Switch Panel	N/A	N/A
	• PA System Panel	N/A	N/A
	• Batter backup	N/A	N/A
	• Building Floor Plans	N/A	N/A
20	Special Fire Protection Systems for Protection of special Risks, if any:	N/A	N/A

The fire protection systems provided in the building were tested/ checked randomly and found in good working conditions.

Party has complied all the observations issued vide this department Form of Notice vide letter of even no. 02 dated 11.08.2015.

Keeping in view of the satisfactory compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to issue fire safety certificate.

RM
30/6/16

Signature of the Inspecting Officer

Name: - Rajesh Kumar

Designation:- ADO/RN

DO/NWD

JS Singh

1.7.16

Dy CPO (S/12)

Cfo work
1/07/16

[Signature]
1/7/16