

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

No. F6/DFS/MS/2014/M02/632

Dated: 22/5/14

FIRE SAFETY CERTIFICATE

Certified that the Northern India Engineering College (A unit of Babu Banarasi Das International Group of Educational Institutional), FC-26, Shastri Park, New Delhi-53, comprising of five blocks i.e. 1, 2, 3, 4 & 5 blocks. 2nd block having one basement ground plus four upper floors and 1, 3, 4 & 5th blocks having one basement ground plus three upper floors. Blocks 1 & 2nd were granted NOC by this department vide letter no. F6/DFS/MS/EH/2010/433 dated 07.03.2011 and blocks 3, 4 & 5 were granted NOC by this department vide letter no. F6/DFS/MS/2011/2992 dated 16.11.2011. The Educational building was re-inspected by the officer concerned of this department on 19.04.14 in the presence of Mr. Raj Kumar Nigam (Jr. Engineer Electrical), and found that the building have deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of the Delhi Fire Service Rule, 2010 and found that the building is fit for occupancy class B "Educational Building)" with effect from 22/5/14..... renewed 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, subject to conditions printed overleaf.

Issued on... 22/5/14..... at New Delhi by


(Dr.G.C.Misra)
Chief Fire Officer
Ph: 011-23414333

To,

Shri Dilip Singh,
Sr. Dy. Director

Northern India Engineering College (A unit of Babu Banarasi Das International Group of Educational Institutional), FC-26, Shastri Park, New Delhi-53

CONDITIONS:

1. All the means of escape shall be kept free of all the 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. The clarification with regards electrical installation, ventilation, structure stability set back areas, occupancy and constructional deviation in building etc .may be got verified from the authorities concerned.
5. This Fire Safety Certificate can not be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
6. 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
7. Basement shall be used as per BBL.

INSPECTION REPORT

1. Name & address of the building : Northern India Engineering College, (A unit of Babu Banarasi Das International Group of Educational Institutional), FC-26, Shastri Park, New Delhi-53.
2. Building is comprised of : B+G+4 {Building is divided into 05 Blocks i.e. 1,2,3,4 & 5 Blocks}. ✓
(2nd Block =B+G+4) & (1,3,4 & 5th Block =B+G+ 3)
3. Type of Occupancy : Educational Building
4. Type of Case : Renewal
5. Details of Previous NOC : F6/DFS/MS/EH/2010/433 dated 07.03.2011(Two Blocks AB-1 & AB-2)
F6/DFS/MS/2011/2992 dated 16.11.2011 (Three Blocks 3,4 & 5)
6. Fire Safety direction letter No : F6/DFS/MS/BP/2010/1207 dated 26.04.2010
7. Date of Inspection : 19.04.14
8. Name of the Inspecting Officers: : Suresh Singh (ADO), Virendra Singh (DO)
9. Name of the designation of Officer from the building side : Mr. Raj Kumar Nigam (Jr. Engineer Electrical)
10. Year of Construction : 2010/2005
11. Applicant's letter No :NIEC/CEO/2014-15/48 dated 02.04.14

S.No	Minimum Standards on fire prevention and fire safety U/R33	Requirement /NBC	Provided at Site	Remarks MR/NMR	
1	Access to building				
	Road width	12 m	30 m	MR	
	Gate width	4.5 m	6 m	MR	
	Width of internal road	6 m	6 m	MR	
2	Number, Width, Type and Arrangement of Exits				
a. Number of Staircases Upper Floor Basement B. Width of Staircases Upper Floor Basement c. Protection of exits Fire check door Pressurization e. No. of continuous staircases to terrace g. Width of Corridor h. Door Size	Block 2 nd = 4 no Block 1 st = 3 no Block 3, 4 & 5 th = 2 no each	Block 2 nd = 4 no Block 1 st = 3 no Block 3, 4 & 5 th = 2 no each	Block 2 nd = 4 no Block 1 st = 3 no Block 3, 4 & 5 th = 2 no each	MR	
	Block 2 nd = 4 no Block 1 st = 3 no Block 3, 4 & 5 th = 2 no each + 01 ramp each	Block 2 nd = 4 no Block 1 st = 3 no Block 3, 4 & 5 th = 2 no each + 01 ramp each	Block 2 nd = 4 no Block 1 st = 3 no Block 3, 4 & 5 th = 2 no each + 01 ramp each	MR	
	1.5 m each block	1.5 m each block	1.5 m each block	MR	
	1.5 m	1.5 m	1.5 m each block + 1.5 m	MR	
	Required	Required	Provided	MR	
	N.A.	N.A.	N.A.	N.A.	
	2 no. each block	2 no. each block	Provided	MR	
	2 m	2 m	Provided	MR	
	1 m	1 m	1 m	MR	
	3	Compartmentation.			
	Fire check door	Required	Provided	MR	
	Sealing of electrical shafts	Required	Provided	MR	
Fire rating of shaft door	N.A.	N.A.	N.A.		
Water curtain	N.A.	N.A.	N.A.		
Fire Dampers	N.A.	N.A.	N.A.		
4	Smoke Management System.				
Basement	30a/c per hour	Provided	MR		
Upper floor	Required	Ventilated	MR		
5.	Fire Extinguisher				
Total numbers	53 no.	58 no.	MR		
types	Co2 & ABC	Co2 & ABC	MR		
IS marking	ISI marked	ISI marked	MR		
6	First-aid-Hose Reels.				
Total numbers of each floor & Blocks	Block 2 nd = 2 no	Block 2 nd = 2 no	MR		

7	Automatic fire detection and alarming system.			
	Type of detectors	N.A.	N.A.	N.A.
	Location of main panel	N.A.	N.A.	N.A.
	Location of repeater panel	N.A.	N.A.	N.A.
	Alternate source of power	N.A.	N.A.	N.A.
	Hooters's location	N.A.	N.A.	N.A.
8	MOEFA	Required	Provided	MR
9	Public address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	Basement each block	Required	Provided	MR
	upper floor	N.A.	N.A.	N.A.
	sprinkler above false ceiling	N.A.	N.A.	N.A.
11	Internal Hydrants			
	size of riser/down-comer	100 mm	100 mm	MR
	Number of hydrants per floor & blocks	Block 2 nd = 2 no Block 1,3,4 & 5 = 1 no each	Block 2 nd = 2 no Block 1,3,4 & 5 = 1 no each	MR
	Hose Box per floor & block	1 no.	1 no.	MR
12	Yard Hydrants.			
	Total number of hydrants	10 no.	10 no.	MR
	Hose Box	10 no.	10 no	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 ➤ Discharge of pump ➤ Head of the Pump ➤ Power supply ➤ Auto Starting of pump 			
		2850 LPM	2850 LPM	MR
		80 m	80 m	MR
		01 no.	01 no	MR
		180 LPM	180LPM	MR
		80 m	80 m	MR
		2850 LPM	2850 LPM	MR
		80 m	80 m	MR
		Required	Provided	MR
		Required	Provided	MR
		900 LPM	900LPM	MR
		40 m	40 m	MR
		Required	Provided	MR
		Required	Provided	MR
14	Captive Water Storage for Fire Fighting.			
	Underground tank capacity	1,00,000 Liters	1,00,000 Liters	MR
	Draw-off connection	Required	Provided	MR
	Fire service inlet	Required	Provided	MR
	Access to tank	Yes	Provided	MR
	Overhead Tank capacity each block	25,000 Liters	25,000 Liters	MR
15	Exit Signage in entire compliance	Required	Provided	MR
16	Provision of Lifts.			
	Pressurization of Lift Shaft for each block	Required	Provided	MR
	Pressurization of Lift lobby	N.A.	N.A.	N.A.
	Communication in lift car	Required	Provided	MR
	Firemen's grounding switch	Required	Provided	MR
	Lift Signage	Required	Provided	MR
17	Standby power supply	Required	Provided	MR
18	Refuge Area.			

19	Fire Control Room			
	MOEFA panel	Required	Provided	MR
	Flow switch panel	N.A.	N.A.	N.A.
	PA system panel	Required	Provided	MR
	Battery backup	Required	Provided	MR
	Building Floor Plans	N.A.	N.A.	N.A.
20	Special Fire Protection systems for protection of special Risks, if any:	N.A.	N.A.	N.A.

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

Delhi fire service had issued NOC vide letter no /DFS/MS/EH/2010/433 dated 07.03.2011 (**Two Blocks AB-1 & AB-2**) and F6/DFS/MS/2011/2992 dated 16.11.2011 (**Three Blocks 3, 4 & 5**)

Keeping in view the deemed compliance of the minimum standards on fire prevention and fire safety measures as required under the Rules it is recommended to grant Fire Safety Certificate under Rule 35 of the Delhi Fire Service Rules 2010.

Signature of the Inspecting Officer

Name Suresh Singh

Designation ADO (SHAH)

Signature of the Inspecting Officer

Name Virendra Singh

Designation DO (EAST)