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

No. **F6/DFS/MS/NDZ/2017/** 1200 Dated: 14/08/17

FIRE SAFETY CERTIFICATE

Certified that the Northern India Engineering College (A unit of Babu Banarasi Das International Group of Education Institutional) located at F-26, Shastri Park, New Delhi 110053, comprised of five blocks i.e. 1, 2, 3, 4 & 5 blocks (2nd block having basement, ground plus four upper floors and 1st , 3rd , 4th , 5th blocks having basement, ground plus three upper floors) owned/occupied by Babu Banarasi Das International Group of Educational Institutions was issued FSC vide letter no. F6/DFS/MS/2014/NDZ/632 dated 22/05/14. The Institutional building was re-inspected by the team of officers of this department on dated 27/06/2017 in the presence of Mr. Dilip Singh, Sr. Dy. Director and found that the building deemed complied with the fire prevention and fire safety requirements in accordance with the rule 33 of Delhi Fire Service Rules 2010 and found that the building is fit for occupancy class B "Educational Building" with effect from ..14/.08/17.. 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 condition under rule 38 of the Delhi Fire Service Rules, 2010, subject to conditions printed overleaf.

Issued on .....14/.08/.17..... at New Delhi by

14.8.17.

(**Vipin Kental**)
Chief Fire Officer
O/C

To,

SH. S. N. Garg (Chief Executive Officer)
M/s Northen India Engineering College
(A Unit of BBD Group),
FC-26, Shastri Park,
Delhi 110053

CONDITIONS

1. All the means of escape shall be kept free of all 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. Any deviation, with regards to construction, ventilation, occupancy, electric installation etc. may be got verified from the concerned authorities.
5. This Fire Safety Certificate may 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. The owner / occupier shall apply for renewal of this Fire Safety Certificate of the Director in Form `J` [sub rule (1) of rule (37)] along with a copy of this Certificate, Six Months prior to its expiry

1. Name & address of the building : Northen India Engineering College, (A Unit of BBD Group), FC 26, Shastri Park, New Delhi 110053
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 & 5 block – B+G+3)
3. Type of Occupancy : Educational Building
4. Type of Case : Renewal
5. Details of Previous NOC letter : F6/DFS/MS/2014/NDZ/632 dated 22/05/14
6. Fire Safety directive letter No. : F.6/DFS/MS/BP/2010/1207 dated 26/04/2010
7. Date of Inspection : 27/06/17
8. Name of the Inspecting officers : DO S. K. Dua & ADO Vijay Bahadur
9. Name and designation of officer from the building side : Mr. Dilip Singh, Sr. Dy. Director
10. Year of construction : 2010/2005
11. Applicant's letter No :NIEC/maintenance/2017-18/808 A dated 18/05/2017

Sr. No.	Minimum Standards on Fire Prevention and Fire Safety U/R33	Directive Requirements	Provided at Site	Remarks MR/NMR
01	Access to Building.			
	• Road width	12 mtr.	30 mtr.	MR
	• Gate width	4.5 mtr.	06 mtr.	MR
	• Width of internal road	06 mtr.	06 mtr.	MR
02	Number, Width, Type and Arrangement of Exits.			
	a. Number of Staircases			
	• Upper floor	Block 1st = 3 nos Block 2nd = 3 nos Block 3, 4 & 5th = 2 nos	Block 1st = 4 nos Block 2nd = 3 nos Block 3, 4 & 5th = 2 nos	MR
	• Basement	Block 1st = 3 nos Block 2nd = 3 nos Block 3, 4 & 5th = 2 nos	Block 1st = 4 nos Block 2nd = 3 nos Block 3, 4 & 5th = 2 nos Ramp in 1st & 2nd block	MR
	B. Width of Staircases			
	• Upper floor	1.50 mtr. each	1.50 mtr. each	MR
	• Basement	1.50 mtr.	1.50 mtr. each ramp 4.40 mtr	MR
	c. Protection of Exits			
	• Fire check door	Required	Provided	MR
	• Pressurization	N/A	N/A	N/A
	d. No. of Continuous Staircases to Terrace	01 no. each block	02 nos. each block	MR
	e. Width of Corridor	02 mtr.	02 mtr.	MR
	f. Door Size	01 mtr	01 mtr	MR
03	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Sealed	MR
	• Fire rating of shaft door	NA	NA	NA
	• Water curtain	N/A	N/A	N/A
	• Fire dampers	N/A	N/A	N/A
04	Smoke Management System.			
	• Basement	Required	Provided	MR
	• Upper floor	Required	Ventilated	MR
05.	Fire Extinguishers.			
	• Total numbers	53 nos.	58 nos.	MR
	• Types	ABC /CO_2	ABC /CO_2	MR
	• IS marking	ISI marked	ISI marked	MR

06	First-Aid-Hose Reels.			
	• Total numbers on each floor • Length of hose reel hose • Nozzle diameter	Block 1 & 2 = 02 nos Block 3,4 & 5 = 01 nos	Block 1 & 2 = 02 nos Block 3,4 & 5 = 01 nos	MR
		30 mtrs.	30 mtr.	MR
		05 mm	05 mm	MR
07	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
	• Hooter's location	N/A	N/A	N/A
08	MOEFA	Required	Provided	MR
09	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	• Basement	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 & block	Block 1st & 2nd =02 nos Block 3,4 & 5 = 01 nos	Block 1st & 2nd =02 nos Block 3,4 & 5 = 01 nos	MR
	• Hose box per floor & block	01 nos.	01 nos.	MR
12	Yard Hydrants.			
	• Total number of hydrants	10 nos.	10 nos.	MR
	• Hose box	10 nos.	10 nos.	MR
13	Pumping Arrangements.			
	➢ Ground Level			
	• Discharge of main pump	2850 Lpm	2850 Lpm	MR
	• Head of main pump	80 M	80 M	MR
	• Number of main pumps	01 nos.	01 nos.	MR
	• Jockey pump out put	180 Lpm.	180 Lpm.	MR
	• Jockey pump head	80 M	80 M	MR
	• Standby pump out put	2850 Lpm	2850 Lpm	MR
	• Standby pump head	80 M	80 M	MR
	• Auto starting /manual stopping	Required	Provided	MR
	• Pump house access	Required	Provided	MR
	➢ Terrace Level			
	• Discharge of pump	900 lpm	900 lpm	MR
	• Head of the pump	40 M	40 M	MR
	• Power supply	Required	Provided	MR
	• Auto starting of pump	Required	Provided	MR
14	Captive Water Storage for Fire Fighting.			
	• Underground tank capacity	1,00,000 Ltr.	1,00,000 Ltr.	MR
	• Draw-off connection	Required	Provided	MR
	• Fire service inlet	Required	Provided	MR
	• Access to tank	Required	Provided	MR
	• Overhead tank capacity	25,000 ltrs	25,000 ltrs	MR
15	Exit Signage.	Required	Provided	MR

16	Provision of Lifts.			
	• Pressurization of lift shaft	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.	N/A	N/A	N/A
	• Total area	N/A	N/A	N/A
	• Location	N/A	N/A	N/A
19	Fire Control Room			
	• Detector system 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: Transformer/Electrical Panel	N/A	N/A	N/A

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

Keeping in view the deemed compliance of the minimum standards on fire prevention and fire safety required under the directive letter no. F.6/DFS/MS/BP/2010/1207 dated 26/04/2010, it is recommended to issue Fire Safety Certificate.

10/7/17

Signature of the Inspecting Officer
Name :- V. B. Yadav
Designation :- A. D.O (T. Pur)

DO/ED.

17/7/17.

DY(FO)/NDZ.

19/7

CFO. M.S cell RTM.

21/7.

As approved FT letter is put up for signatures please.

28/7/17

CFO(NDZ) M.S cell