

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

No. F6/DFS/MS/2011/2992

Dated: 16/11/2011

FIRE SAFETY CERTIFICATE

Certified that the Northern Indian Engineering College (A unit of Babu Banarasi Das International Group of Educational Institutions), FC-26, Shastri Park, Delhi-53, (Three Blocks 3, 4, and 5) each block comprising of basement, ground plus three upper floors was granted NOC by this department vide letter No.F.6/DFS/MS/2005/964 dated 06.05.2005. The premises was re-inspected by the officer concerned of this department on 22.10.11 in the presence of Mr. Dilip Singh (Dy. Director) and found that the Institution have deemed complied with the fire prevention and fire safety requirements in accordance with the directives issued earlier by this department and that the building is fit for occupancy class B "Educational Building" with effect from Renewed for a period of three years, subject to conditions printed overleaf.

Issued on.....16/11/2011.....at New Delhi by



Chief Fire Officer
 Delhi Fire Service

2
 16/11/11

To

S.N. Garg
 Chief Executive Officer
 Northern Indian Engineering College,
 (A unit of Babu Banarasi Das International Group of Educational Institutions),
 FC-26, Shastri Park, Delhi-53

CONDITIONS

1. All the means of escape shall be kept free of all type of obstruction 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 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

(A. D. C. C.)

INSPECTION REPORT

1. Name & address of the building : Northern India Engineering College
2. Type of Occupancy : Educational.
3. Type of Case : New Case/ Renewal
4. Details of previous NOC : Letter No. F-6/MS/DFS/2005/966 Dated: 6.5.05
5. Fire Safety directives letter No : F-6/MS/DFS/8P/2003/654 dated 26.3.2003
6. Date of inspection : 22.10.2011.
7. Name of the Inspecting Officers : ADD Suresh Singh
8. Name and designation of officers
from the building side : By Director Dilip Singh
9. Year of Construction : 2003
10. Applicant's letter No. : NIEC/GEED/122/2011 dated 10.10.2011

S. No	Minimum Standards on fire prevention and fire safety U/R 33	Requirement	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 & Arrangement of Exits			
	a. Number of staircases	6 No.	6 No	MR
	• Upper Floors	6 No	6 No	MR
	• Basements	6 No.	6 No	MR
	b. Width of staircases	1.5 M	1.5 M	MR
	• Upper Floors	1.5 M	1.5 M	MR
	• Basements	1.5 M	1.5 M	MR
	c. Protection of exits		Basement	
	• Fire check door	Fire check door	Fire check door	MR
	• Pressurization	—	—	—
	e. No. of continuous staircases to terrace	6 No.	6 No	MR
	g. Width of Corridor	2 M	2 M	
	h. Door Size	1 M	1 M	MR

			Provided	
3	Compartmentation.			
	<ul style="list-style-type: none"> • Fire check door • Sealing of electrical shafts • Fire Rating of shaft door • Water Curtain • Fire Dampers 	Fire check door	Basement	MR
		---	---	---
		---	---	---
		---	---	---
4	Smoke Management System.	Provided. Exhaust fan		
	<ul style="list-style-type: none"> • Basements • Upper floors 	30 a/c per hour 12 a/c per hour		MR.
5	Fire Extinguishers			
	<ul style="list-style-type: none"> • Total numbers • Types • IS marking 	ISI marked	24 CO ₂ , Water Co ₂ ABC ISI Mark	MIR MR MIR
6	First-Aid Hose Reels.			
	<ul style="list-style-type: none"> • Total numbers on each floor • Length of hose reel hose • Nozzle diameter 	30 m 5 mm	One at each floor 30 m 5 mm	MR MR MR
7	Automatic fire detection and alarming system.	N/A		
	<ul style="list-style-type: none"> • Type of detectors • Location of Main Panel • Location of Repeater Panel • Alternate source of power • Hooters' Location 	---	---	---
		---	---	---
		---	---	---
		---	---	---
8	MOEFA	Provided.	Each level	MIR
9	Public Address System.	Provided.	Provided	MR
10	Automatic Sprinkler System.	R- Provided		
	<ul style="list-style-type: none"> • Basement 	Each Basement	Basement	MIR

	<ul style="list-style-type: none"> • Upper Floor • Sprinkler above false ceiling 	---	---	-
11	Internal Hydrants	Provided		
	• Size of riser/down-comer	100 mm	100 mm	MR
	• Number of hydrants per floor	1 No	1 No	MR
	• Hose Box	1 No	1 with 2 Hese	MR
12	Yard Hydrants.	Provided-		
	• Total number of hydrants	10 No	10 No	MR
	• Hose Box	10 Hose boxes	Yes.	MR
13	Pumping Arrangements.	Provided		
	• Ground Level	1st Basement	1st Basement	1st MIR
	➤ Discharge of main Pump	2850 LPH	2850 LPH	MIR
	➤ Head of Main pump	60 M.	6 Kg/cm ² 60 M	MR
	➤ Number of main pumps	1 No	1	MR
	➤ Jockey Pump out put	180 LPH	180 LPH	MR
	➤ Jockey pump head	60 M	6 Kg/cm ² 60 M	MR
	➤ Standby Pump out put	60 M	2850 LPH 60 M.	MR
	➤ Standby Pump Head			
	➤ Auto Starting/ Manual stopping	Auto Start Manual Stop	Yes	MIR
	➤ Pump House Access		Out Side.	MR
	• Terrace level			
	➤ Discharge of pump	900 LPH	900 LPH	MIR
	➤ Head of the pump	40 M	40 M	MIR
	➤ Power Supply			
	➤ Auto Starting of pump		Yes.	MIR
14	Captive Water Storage for fire fighting.			
	• Underground tank capacity	100000	100000 Lt	MR
	➤ Draw-off connection	Provided	Yes Provided	MR

	<ul style="list-style-type: none"> ➤ Fire service inlet ➤ Access to tank • Overhead Tank capacity 	<p>Provided.</p> <p>Provided</p> <p>20,000</p>	<p>Provided</p> <p>Provided</p> <p>20,000 Ltr</p>	<p>MIR</p> <p>MIR</p> <p>MIR</p>
15	Exit Signage.	Required	Provided	MIR
16	Provision of Lifts.		Provided	MIR
	<ul style="list-style-type: none"> • Pressurization of Lift Shaft • Pressurization of Lift lobby • Communication In lift Car • Fireman's Grounding Switch • Lift Signage 	<p>Lift shaft pressurized</p> <p>—</p> <p>Telephone.</p> <p>Yes.</p> <p>Yes.</p>	<p>Yes.</p> <p>No Lobby.</p> <p>Yes Telephone.</p> <p>Yes.</p> <p>Yes.</p>	<p>MIR</p> <p>I</p> <p>MIR</p> <p>MIR</p> <p>MIR</p>
17	Standby power supply	Yes	Yes.	MIR
18	Refuge Area.	N/A		
	<ul style="list-style-type: none"> ➤ Total Area ➤ Location 	—	—	—
19	Fire Control Room	N/A		
	<ul style="list-style-type: none"> • Detector System Panel • Flow Switch Panel • PA System Panel • Batter backup • Building Floor Plans 	—	—	—
20	Special Fire Protection Systems 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 substantial compliance of the minimum standards on fire prevention and fire safety required under the rules it is recommended to grant Fire Safety Certificate under rule 35 of the D-Fire Service Rules 2010/ ~~issue shortcomings as noted at serial numbers~~.....

1
Singh

Signature of the Inspecting Officer

Name Suresh Singh

Designation ADO

Signature of the Inspecting Officer

Name

Designation