

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

No. F6/DFS/MS/SZ/2016/ 1116

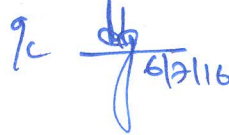
Dated: 06/07/16

**FIRE SAFETY CERTIFICATE**

Certified that **Deen Dayal Upadhyay College located at Sector-3, Dwarka, New Delhi** comprised of Administrative/ Academic Block, Boys Hostel, Girls Hostel & Utility/ Residential Building. The administrative/ Academic Block is comprised of basement, ground plus six upper floors, Boys hostel is comprised of ground plus seven upper floors, Girls hostel is comprised of ground plus six upper floors and residential staff quarters is comprised of ground plus five upper floors, owned & occupied by Deen Dayal Upadhyay College. The buildings were inspected by the officers concerned of this department on 17.06.2016 in the presence of Sh. Yogender Kumar E.E (E), Sh. S.K. Handa E.E (C) and found that management have complied with the fire prevention and fire safety requirements in accordance with Delhi Fire Service Act 2010 & Delhi Fire Service Rules 2007 and that the building/premises (except auditorium) is fit for occupancy class **Mixed (Educational & Residential)** with effect from 06/07/16 for a period of 03 years in accordance with rule 36 unless renewed under rule 37 or sooner cancelled under Rule 40 and subject to compliance of the conditions printed overleaf under rule 38 of the Delhi Fire Service Rules, 2010.

Issued on 06/07/16 at New Delhi by.

  
(Vipin Kental)  
Chief Fire Officer

  
9c 06/07/16

Copy to: -

1. Executive Engineer (E),  
Housing Project Elect. Division,  
PWD, Integrated Institute of Technology,  
Sector- 9, Dwarka, New Delhi.
2. Director (Higher Education),  
GNCT of Delhi, 5 Sham Nath Marg, Delhi.
3. The Principal,  
Deen Dayal Upadhyay College,  
Shivaji Marg, Karampura,  
New Delhi-110015

### Conditions for the validity of Fire Safety Certificate

- a. All the fire safety and means of escape facilities shall be maintained in good working conditions at all time. Any lapse rendering fire safety or means of evacuation facilities rendering non-functional shall be the responsibility of the management.
- b. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
- c. Basement shall be used as per the provisions of BBL.
- d. Building Sanctioning authority may verify any deviation with regard to the construction / occupancy in the building. In case of any deviation, the fire safety certificate stands null and void.
- e. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- f. Manually operated CO2 flooding system shall be provided in HT/LT panels. Electrical/Plumbing shaft shall be sealed.
- g. Fire Check Doors shall be provided in lift lobby of boys and girls hostel. smoke management system shall also be provided in upper floors of administrative/academic block before occupation of the building.
- h. The exit requirement as mentioned in letter dated 03.09.2008 shall be complied under intimation to this department.
- i. 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 website [www.dfs.delhigovt.nic.in](http://www.dfs.delhigovt.nic.in)

## INSPECTION REPORT

1	Name & address of the building	Deen Dayal Upadhyay College, Sector-3, Dwarka, New Delhi.		
2	Type of Occupancy	Educational + residential		
3	Type of case	New		
4	Details of previous NOC	Nil		
5	Fire safety directives letter No	F6/DFS/ MS/BP/2008/2503 dated 03.9.2008		
6	Date of inspection	17.6.2016		
7	Name of the inspecting Officers :	DO M K Chattopadhyay & ADO Satpal Bhardwaj		
8	Name and designation of officers from the building side	Sh. Yogender Kumar EE(E) Sh. H K Handa EE (C)		
9	Year of construction	2016		
10	Applicant's letter No.	23 (23) PWD(B-141) /2016/402 dated 7.6.2016		
	<b>Administration/ Academic Block: Basement, ground + 6</b>	<b>Girls Hostel: Ground + 6 upper Floors. Boys Hotel: Ground + 7 &amp; Residential/Utility Block: G + 5 upper floors.</b>		
S. NO.	<b>Minimum Standards on fire prevention and fire safety U/R 33</b>	<b>NBC Requirement</b>	<b>Provided at site</b>	<b>Remarks MR / NMR</b>
1	<b>Access to building</b>			
	1) Road width	09 Mtrs.	60 Mtrs.	MR
	2) Gate width	6 Mtrs.	6 Mtrs.	MR
	3) Width of internal road	6 Mtrs.	6 Mtrs.	MR
2	<b>Number, width Type &amp; arrangement of exits</b>			
	<b>a. Number of staircases</b>			
	1. Upper floors	10 Nos. in Academic Block, 2 Nos. in Boys Hostel & 2 Nos. in Girls Hostel & 2 Nos. in Residential	10 Nos. in acadenic block & 2 Nos. in Boys Hostle & 2 Nos. in Girls Hostel & 2 Nos. in Residential	MR
	2. basements	15 stairs + 2 Ramps	15 stairs + 3 Ramps	MR
	<b>b. Width of staircase</b>			
	1. Upper floors	Acadm block: 1500 mm each, Boys Hostel: 1250 mm each, Girls Hostel: 1250 mm each & Residential block: 1250 mm each	8 Nos. 1470, 1490, 1480, 1490, 1790, 1800, 1780, 2090 mm, 2 Nos. 1800 mm each, Boys Hostel: 2 Nos. 1780 & 1780 mm, Girls Hostel: 2 Nos. 1230 & 1790	MR ( Fait Accompli)
	2. basements	1500 mm each	Basement to Ground 7 Nos. 1480, 1480, 1480, 1480, 1480, 1480, 1500, 1700 mm, Basement to 6th Floor 8 Nos. 1470, 1490, 1480, 1490, 1790, 1800, 1780,	MR (Fait Accompli)
	<b>c. Protection of exits</b>			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	Required	provided	MR
	<b>d. No. of continuous staircase to terrace</b>	10 Nos.	10 Nos.	MR
	<b>e. Width of corridor</b>	3000 mm	3000 mm	MR
	<b>f. Door size</b>	1.5 Mtrs.	1.06 to 1.29, 1.37 Mtrs.	MR ( Fait Accompli)
3	<b>Compartmentation.</b>			
	1. Fire check door	Required	Provided except in Boys & Girls Hostel's Lift Lobby	MR (Fait Accompli)
	2. Sealing of electrical shafts	Required	provided	MR
	3. Fire Rating of shaft door	2 Hrs. Rating	Provided	MR
	4. water curtain	N/A	N/A	N/A
	5. Fire dampers	Required	Provided	MR
4	<b>Smoke Management system.</b>			
	basement	Required	Provided	MR
	upper floors	Required	Provided	MR

<b>6</b>	<b>First-Aid Hose Reels.</b>			
	total numbers on each floor	Basmt. 10 Nos.Acadm.5 Nos. Boys Hostel.1 No.Girls Hostel:1 NO. Resi. Block 1 No.	Basmt. 10 Nos.Acadm.5 Nos. Boys Hostel.1 No.Girls Hostel:1 NO. Resi. Block 1 No.	MR
	Length of Hose reel	30 M	Provided (30 M)	MR
	Nozzle Diameter	5 mm	Provided (5 mm)	MR
<b>7</b>	<b>Automatic fire detection and alarming system:</b>			
	Type of detectors	Smoke & heat	Provided	MR
	location of Main Panel	Ground Floor	Provided	MR
	location of Repeater panel	Required	Provided	MR
	Alternate source of power	Required	Provided	MR
	Hooter's location	Near Stairs	Provided	MR
<b>8</b>	<b>MOEFA</b>	Required	Provided	MR
<b>9</b>	<b>Public Address System.</b>	Required	Provided	MR
<b>10</b>	<b>Automatic Sprinkler System.</b>			
	basement	Required	Provided	MR
	upper floors	N/A	N/A	N/A
	sprinkler above false ceiling	N/A	N/A	N/A
<b>11</b>	<b>Internal Hydrants</b>			
	Size of riser/down-corner	150 mm	150 mm	MR
	Number of Hydrants per floor	Bsmt. 10 Nos.Acadm.5 Nos. Boys Hostel.1 No.Girls Hostel:1 NO. Resi. Block 1 No.	Bsmt. 10 Nos.Acadm.5 Nos. Boys Hostel.1 No.Girls Hostel:1 NO. Resi. Block 1 No.	MR
	hose Box	Required	Provided	MR
<b>12</b>	<b>Yard Hydrants.</b>			
	total number of hydrants	29 Nos.	29 Nos.	MR
	hose box	29 Nos.	29 Nos.	MR
<b>13</b>	<b>Pumping arrangements</b>			
	<b>1. Ground level</b>			
	a. Discharge of main Pump	2280 LPM	Provided	MR
	b.Head of main pump	70 M	Provided	MR
	c.Number of main pumps	2 Nos.	Provided	MR
	d.jockey pump out put	180 LPM	Provided	MR
	e.jockey pump head	70 M	Provided	MR
	f. Standby Pump output	2280 LPM	Provided	MR
	g.Stanby Pump head	70 Mtrs.	Provided	MR
	h.Auto Starting/Manual stopping	Required	Provided	MR
	l. pump house access	Required	Provided	MR
	<b>2.Terrace level</b>			
	a. Discharge of pump	900 LPM	900 LPM	MR
	b. head of the pump	35 Mtrs.	35 Mtrs.	MR
	c. Power supply	Required	Provided	MR
	d. Auto starting of pump	Required	Provided	MR
<b>14</b>	<b>Captive water storage for fire fighting</b>			
	1. Underground tank capacity	200000 Ltrs.	200000 Ltrs.	MR
	a. Draw-off connection	Required	Provided	MR
	b. fire service inlet	Required	Provided	MR
	c.Access to tank	Required	Provided	MR
	Over head tank Capacity	25000 Ltrs.at each block	provided (25000 Ltrs.)	MR
<b>15</b>	<b>Exit Signage.</b>	Required	Provided	MR
<b>16</b>	<b>Provision of lifts.</b>			
	a. Pressurization of lift shaft	Required	Provided	MR
	b. pressurization of lift lobby	Required	Provided	MR


18	<b>Refuge Area.</b>			
	total area	15 Sq.M	provided	MR
	location	5th floor	5th floor	MR
19	<b>Fire control room</b>			
	a. Detector system Panel	Required	Provided	MR
	b. Flow switch Panel	Required	Provided	MR
	c. PA system Panel	Required	Provided	MR
	d. Battery backup	Required	Provided	MR
	e. Building floor plans	Required	Provided	MR
20	<b>Special Fire Protection System for Protection of special Risks, if any: CO2 Flooding System</b>		provided.	MR

The fire protection systems provided in the building were checked and found functional at the time of inspection. 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 except auditorium under Delhi Fire Service Act- 2007 & Rules- 2010.

DFA is put up for approval & signature please.



Signature of the Inspecting Officer  
Name: - M K Chattopadhyay  
Designation: - DO (South West) CDC



Signature of the Inspecting Officer  
Name:- S.P.Bhardwaj  
Designation : ADO (DWK)

Dcofo (sz)

