

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

No. F6/DFS/MS/2011/2296

Dated: 23/09/11

FIRE SAFETY CERTIFICATE

Certified that the **Hans Raj Model School** is consist of four blocks (Senior/admin block, junior Suraj Bhan block, yoga block and Auditorium block) only located at Road No. 73, Punjabi Bagh, new Delhi-110026 have complied with the fire prevention and fire safety requirements in accordance with the rule 33 of the Delhi Fire Service Rules, 2010 and verified by the officer concerned of Fire Service on 28.08.2011 in the presence of Sh. R.R. Kumar (Principal), Hans Raj Model School and that the building/premises is fit for occupancy Class B (**Educational**) with effect from 23/09/11...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.

Issued on 23/09/11..... at New Delhi by,



DIRECTOR
Delhi Fire Service

To:

Sh. R.R. Kumar (Principal)
Hans Raj Model School,
Road No. 73, Punjabi Bagh,
New Delhi-110026

Copy 10: -

The Director of Education
Old Secretariat,
Delhi

Following fire safety directives must be adhered to: -

1. All the fire safety arrangement provided their in shall be maintained in good working conditions at all time.
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 regards to construction etc shall be verified by the concerned building sanctioning agency.
5. The basement shall be used strictly as per the provision of building Bye-Laws
6. This certificate cannot be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
7. The owner/occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. This is available on www.dfs.delhigovt.nic.in

May kindly peruse letter no. HRMS/41180/211 dated 16/07/2011 received from Sh. R.R. Kumar (Principal), **Hans Raj Model School located at road no. 73, Punjabi Bagh, New Delhi**, regarding issue of NOC from fire and safety point of view. The premises has been inspected by D.O. (M.Nagar) along with ADO (W.Pur) on 28.08.11. It was observed that the school consist of four blocks(Senior/admn. Block, junior/Suraj Bhan block, yoga block and auditorium block). The blocks are either three or four storey and yoga block also contains single basement. Earlier shortcomings are rectified as below :

1. Second stairs provided in the basement of width 1.5 mtr.
2. Brass fire fighting of the system installed.
3. Overhead water storage tank of capacity 15000 lts. & fire pumps of 900 LPM & LPM as jockey provided.
4. Fire extinguishers are provided.
5. Exit sign provided at all exits.

1. Name & address of the building : **Hans Raj Model School located at road no. 73, Punjabi Bagh, New Delhi**
2. Type of Occupancy : Class -B (Educational)
3. Type of Case : New Case (Old building)
4. Details of previous NOC : Letter no. nil dated nil
5. Fire Safety directives letter No. : Nil (as per Dir. of Edu. Letter dated 01-03-2011)
6. Date of inspection : 28/08/2011
7. Name of the Inspecting Officers : D.O. Sunil Chowdhary ADO & Ramjmal Khokhar (W.Pur)
8. Name and designation of officers
From the building side : Sh. R.R. Kumar (Principal),
9. Year of Construction :
10. Applicant's letter No. : HRMS/41180/211 dated 16/07/2011

INSPECTION REPORT

Point wise fire safety arrangements/equipments are mentioned as under:-

S. No.	Minimum Standards on fire Prevention and fire safety U/R 33	BBL Requirement	Provided at site	Remarks MR/NMR
1.	Access to building	Required	Provided	M/R
	• Road width	09 mtrs	12 mtr	M/R
	• Gate width	05 mtrs	Provided	M/R
	• Width of internal road	06 mtr	provided	M/R
2.	Number, Width, Type & Arrangement of Exits			

a. Number of staircases		Provided	M/R		
	• Upper Floors	Two in each block	Provided ✓	M/R	
	• Basement	Two	Provided ✓	M/R	
	b. Width of staircases				
		• Upper Floors	Two stair in each block width 1.5 mtr	Provided ✓	M/R
	• Basement	Two stair 1.5 mtr	Provided ✓	M/R	
	c. Protection of exits				
		• Fire check door	Provided in basement	provided ✓	M/R
		• Pressurization	N/R	N/P	
	d. No. of continuous staircases to terrace	One stair in each block from ground to terrace	Provided ✓	M/R	
e. Width of Corridor	6 feet in each block on each floor	Provided ✓	M/R		
f. Door size	Width 1 mtr & height two mtr	Provided ✓	M/R		
3.	Compartmentation.				
• Fire check door	N/R	N/R			
	• Sealing of electrical shafts	N/R	N/R		
	• Fire Rating of shaft door	N/R	N/R		
	• Water Curtain	N/R	N/R		
	• Fire Dampers	N/R	N/R		
4.	Smoke Management System.				
• Basements	Exhaust fans	provided ✓	M/R		
	• Upper floors	N/R	N/P ✓		
5.	Fire Extinguishers	Required	Provided ✓	MR	

	<ul style="list-style-type: none"> Total numbers Types IS marking 	<p>30 nos.</p> <p>ABC type cap. 5 kg.</p> <p>Yes</p>	<p>provided</p> <p>provided</p> <p>provided</p>	<p>M/R</p> <p>M/R</p> <p>M/R</p>
6.	First-Aid Hose Rees.			
	<ul style="list-style-type: none"> Total numbers on each floor Length of hose reel hose Nozzle diameter 	<p>One on each floor (14 nos)</p> <p>30 m</p> <p>5 mm</p>	<p>Provided</p> <p>Provided</p> <p>Provided</p>	<p>M/R</p> <p>M/R</p> <p>M/R</p>
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 Hooter's Location 	<p>N/R</p> <p>N/R</p> <p>N/R</p> <p>N/R</p> <p>N/R</p>	<p>N/R</p> <p>N/R</p> <p>N/R</p> <p>N/R</p> <p>N/R</p>	<p>N/R</p> <p>N/R</p> <p>N/R</p> <p>N/R</p> <p>N/R</p>
8.	MOEFA	Required	Provided	M/R
9.	Public Address System.	Required	Provided	M/R
10.	Automatic Sprinkler system			
	<ul style="list-style-type: none"> Basement Upper Floor Sprinkler above false ceiling 	<p>Required</p> <p>N/R</p> <p>N/R</p>	<p>Provided</p> <p>N/P</p> <p>N/P</p>	<p>M/R</p> <p></p> <p></p>
11.	Internal Hydrants			
	<ul style="list-style-type: none"> Size of riser/down-comer 	<p>14 no. internal hydrants dia 4 inch</p>	<p>Provided</p>	<p>M/R</p>

	<ul style="list-style-type: none"> • Number of hydrants per floor 	One on each floor	Provided ✓	M/R
	<ul style="list-style-type: none"> • Hose Box 	One on each floor with two hoses & branch	Provided ✓	M/R
12.	Yard Hydrants.			
	<ul style="list-style-type: none"> • Total number of hydrants 	N/R	N/P	
	<ul style="list-style-type: none"> • Hose Box 	N/R	N/P	
13.	Pumping Arrangements.	N/R	N/P	N/A
	Ground Level			
	➤ Discharge of main pump	N/R	N/P	
	➤ Head of Main pump	N/R	N/P	
	➤ Number of main pumps	N/R	N/P	
	➤ Jockey Pump out put	N/R	N/P	
	➤ Jockey pump head	N/R	N/P	
	➤ Standby pump out put	N/R	N/P	
	➤ Standby pump Head	N/R	N/P	
	➤ Auto Starting/Manual stopping	N/R	N/P	
	➤ Pump Hose Access	N/R	N/P	
	Terrace level			
	➤ Discharge of pump	Two pumps 900 LPM & 180 LPM as jockey	Provided ✓	M/R
	➤ Head of the pump	40 mtr	Provided ✓	M/R
	➤ Power supply	N/R	N/P	
	➤ Auto Starting of pump	N/R	N/P	

14.	Captive Water Storage for fire fighting.			
	Underground tank capacity	N/R	N/P	
	➤ Draw -off connection	N/R	N/P	
	➤ Fire service inlet	N/R	N/P	
	➤ Access to tank	N/R	N/P	
	➤ Overhead Tank Capacity	15,000 ltrs	Provided	M/R
15	Exit Signage.	Required	Provided	M/R
16.	Provision of Lifts			
	• Pressurization of Lift Shaft	N/R	N/P	
	• Pressurization of Lift lobby	N/R	N/P	
	• Communication In lift Car	N/R	N/P	
	• Fireman's Grounding Switch	N/R	N/P	
	• Lift Signage	N/R	N/P	
17.	Standby power supply	D.G. set 125 KVA	Provided	M/R
18.	Refuge Area	N/R	N/P	
	➤ Total Area	N/R	N/P	
	➤ Location	N/R	N/P	
19.	Fire Control Room	N/R	N/P	
	➤ Detector System Panel	N/R	N/P	
	➤ Flow Switch Panel	N/R	N/P	
	➤ PA system Panel	Required	Provided	M/R
	➤ Batter backup	N/R	N/P	

	➤ Batter backup	N/R	N/P	
	➤ Building Floor plans	N/R	N/P	
20.	Special Fire Protection Systems for Protection of special Risks, if any:	N/R	N/P	

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 Delhi Fire Service Rules 2010/ issue shortcomings as noted at serial number.....


 Signature of the Inspection Officer

Signature of the Inspection Officer

Name *Raj Mal Khokhar*

Name

Designation *Asst - Dir. Officer*

Designation