

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

No. F6/DFJ/MS/2016/ND2/1727

Dated: 30/11/16

FIRE SAFETY CERTIFICATE

Certified that the Jail Building No.14 located at Jail Complex, Harsh Vihar, Mandoli, Shahdara, Delhi comprised of ground plus two upper floors owned/occupied by Govt. of NCT of Delhi (PWD) have complied with the fire prevention and fire safety requirement in accordance with the rule 33 of Delhi Fire Service Rules 2010 and verified by the team of officers from this department on dated 20/10/16 & 05/11/16 in the presence of Mr. R.K. Kausal AE (E) and found that the Jail building is fit for occupancy class "C" 'Institutional Building' with effect from 30/11/16 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 30/11/16 at New Delhi by

  
(Vipin Kental)  
Chief Fire Officer  
Delhi Fire Service

To,  
The Chief Engineer, PWD,  
MSO Building, ITO, New Delhi

Copy to:-  
The Ex. Engineer (B)  
Building Department, HQR  
EDMC, Plot no. 419, Udyog Sadan, FIE,  
Patparganj, Delhi

## 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](http://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

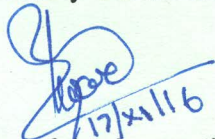
1. Name & address of the building : Jail at Harsh Vihar, Mandoli, Shahdara, Delhi.  
2. Building is comprised of : Jail No.14(Old no.4), Admn. Block G+1, Ward 1&2 (G+2), Kitchen(G+1),Medical (G+1) & Factory (G+1), Admn. Internal (G+2)  
3. Type of Occupancy : Institutional (Prison)/Hostels Building  
4. Type of Case : New  
5. Details of Previous NOC letter : Nil  
6. Fire Safety directive letter No : F.6/DFS/MS/BP/2007/3552 dated 23/11/07  
7. Date of Inspection : 20/10/16 & 05/11/16  
8. Name of the Inspecting officers : Dy. CFO Sunil Chawdhary, DO S.K. Dua & ADO Vijay Bahadur  
9. Name and designation of officer from the building side : Mr. R.K Kausal AE (E), & AE (Civil) & JE (E)  
10. Year of construction : 2007  
11. Applicant's letter No : 23(2)/EE(E)/OPED/396 dated 24/10/16

Sr. No	Minimum Standards on Fire Prevention and Fire Safety U/R33	BBL Requirements	Provided at Site	Remarks MR/NMR
01	Access to Building.			
	• Road width	12 mtr.	60 mtr.	MR
	• Gate width	06 mtr.	06 mtr.	MR
	• Width of internal road	06 mtr.	06 mtr.to 12 mtrs.	MR
02	Number, Width, Type and Arrangement of Exits.			
	a. Number of Staircases for upper floor			
	• Admin. Block (Deodi)	04 nos.	04 nos	MR
	• Jail ward No. 1 & 2	03 Nos. each	03 Nos. each	MR MR
	• Kitchen	02 Nos.	01 Nos.	MR
	• Factory	02 Nos.	02 Nos	MR
	• Chakra jail No. 1	01 Nos. + Ramp	01 Nos. + Ramp	MR
	• Medical Centre	01 Nos.	01 No.	MR
	• Admin. Block Internal	02 Nos.	02 Nos.	MR
	b. Width of Staircases for upper floor			
	• Admin. Block (Deodi)	1.25 mtrs. & 1.5 mtrs.	1.25 mtrs & 1.5 mtrs.	MR
	• Jail ward No. 1 & 2	1.25 & 2 Nos. 1.5 mtrs	1.25 & 2 Nos. 1.5 mtrs	MR
	• Kitchen	1.5 mtrs.	1.5 mtrs.	
	• Factory	1.25 mtrs. & 1.5 mtrs.	1.25 mtrs. & 1.5 mtrs.	MR
	• Chakra jail No. 1	1.5 mtrs + 1.25 ramp	1.5 mtrs + 1.25 ramp	MR
	• Medical Centre	1.25 mtrs	1.25 mtrs	MR
	• Admin. Block Internal	1.25 mtrs.	1.25 mtrs.	MR
	c. Protection of Exits			
	• Fire check door	N/A	N/A	N/A
	• Pressurization	N/A	N/A	N/A
	d. No. of Continuous Staircases to Terrace	1 no. of each bldg. blocks	1 no. of each bldg. blocks	MR
	e. Width of Corridor	1.5 mtrs	1.5 mtrs to 2.0 mtrs.	MR
	f. Door Size			
	• Other building	01 mtrs.	01 mtrs.	MR
	• Medical Centre	01mtrs.	01 mtr.	MR

03	Compartmentation.			
	• Fire check door	N/A	N/A	N/A
	• Sealing of electrical shafts	N/A	N/A	N/A
		N/A	N/A	N/A
	• Fire rating of shaft door			
	• Water curtain	N/A	N/A	N/A
	• Fire dampers	N/A	N/A	N/A
04	Smoke Management System.			
	• Basement	N/A	N/A	N/A
	• Upper floor	N/A	N/A	N/A
05.	Fire Extinguishers.			
	Total numbers	90 nos.	110 nos.	MR
	Types	ABC/CO <sub>2</sub>	ABC/CO <sub>2</sub>	MR
	ISI marking	ISI marked	ISI marked	MR
6	First-aid Hose Reels.			
	• Total number of each floor	26 Nos.	Provided	MR
	• Length of hose reel hose	30 mtrs.	30 mtrs.	MR
	• Nozzle diameter	5 mtrs	5 mtrs	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
	• Hooter's location	N/A	N/A	N/A
8	MOEFA	Required	Provided	MR
9	Public address system	N/A	N/A	N/A
10	Automatic Sprinkler System			
	• Basement of Hostel	N/A	N/A	N/A
	• Upper floor	N/A	N/A	N/A
	• Sprinkler above false ceiling	N/A	N/A	N/A
11	Internal Hydrants.			
	• Size of rise/down-comer	150 mm	150mm	MR
	• Number of Hydrants each floor of all block	26 Nos.	Provided	MR
	• Hose box	Near each hydrant point	Provided	MR
12	Yard Hydrants			
	• Total number of Hydrants	17 Nos.	17 Nos.	MR
	• Hose Box	17 Nos.	17 Nos.	MR
13	Pumping arrangement			
	Ground Level			
	• Discharge of main pump	1620 LPM	1620 LPM	MR
	• Head of main pump	95 mtrs.	95 mtrs.	MR
	• Number of main pumps	1 no.	1 no.	MR
	• Jockey pump out put	180 LPM	200 LPM	MR
	• Jockey pump head	95 mtrs.	95 mtrs.	MR
	• Standby pump out put	1620 LPM	1620 LPM	MR
	• Standby pump head	95 mtrs.	95 mtrs.	MR
	• Auto starting /manual stopping	Auto	Provided	MR
	• Pump house access	Required	Provided	MR

	➤ Terrace Level			
	<ul style="list-style-type: none"> <li>Discharge of pump</li> </ul>	450 LPM	2 X 450 LPM at each block except factory & kitchen	MR
	<ul style="list-style-type: none"> <li>Head of the pump</li> </ul>	40 M	40 M	MR
	<ul style="list-style-type: none"> <li>Power supply</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Auto starting of pump</li> </ul>	Required	Provided	MR
14	Captive Water Storage for Fire Fighting.			
	<ul style="list-style-type: none"> <li>Underground tank capacity</li> </ul>	2,00,000 ltrs	2,00,000 Ltrs.	MR
	<ul style="list-style-type: none"> <li>Draw-off connection</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Fire service inlet</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Access to tank</li> </ul>	Required	Provided	MR
	<ul style="list-style-type: none"> <li>Overhead tank capacity</li> </ul>	10,000 Ltrs.	10,000 Ltrs.	MR
15	Exit Signage.	Required	Provided	MR
16	Provision of Lifts.			
	<ul style="list-style-type: none"> <li>Pressurization of lift shaft</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Pressurization of lift lobby</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Communication in lift car</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Firemen's grounding switch</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Lift signage</li> </ul>	N/A	N/A	N/A
17	Standby Power Supply	Required	Provided	MR
18	Refuge Area.			
	<ul style="list-style-type: none"> <li>Total area</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Location</li> </ul>	N/A	N/A	N/A
19	Fire Control Room			
	<ul style="list-style-type: none"> <li>Detector system panel</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Flow switch panel</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>PA system panel</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Battery backup</li> </ul>	N/A	N/A	N/A
	<ul style="list-style-type: none"> <li>Building floor plans</li> </ul>	N/A	N/A	N/A
20	Special Fire Protection systems for protection of special Risks, if Any:	Required	Provided for HT/LT panels	MR

Keeping in view the substantial compliance of the minimum standards on fire prevention and fire safety required under the BBL, it is recommended to issue Fire Safety Certificate.

  
17/11/16

Signature of the Inspecting Officer  
Name- Vijay Bahadur  
Designation- A.D.O (T.Pur)



Signature of the Inspecting Officer  
Name :- S. K. Dua  
Designation :- DO (East Division)