

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS, DELHI FIRE SERVICE, NEW DELHI

No.F6/DFS/Hospital/MS/2016/ ND2) 1133

Dated:-----11/07/16

FIRE SAFETY CERTIFICATE

Certified that the **Aruna Asaf Ali Hospital** located at **1A, Battery lane, Rajpur Road, Delhi-110054** comprised of **Basement, Ground + 3 Upper Floors** was granted FSC by this department vide letter No.**F6/DFS/MS/Hospital/2013/233** dated **15/01/13**. The premises was re-inspected by the officer concerned of this department on **06/06/16** in the presence of **AE(E) Babu Ram & JE (E) Abhishek Verma** and found that Hospital have deemed complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi Fire Service Rules, 2010 and that the premises is fit for occupancy class Institutional (Hospital) with effect from -----**11/07/16** -- for 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, mentioned below.

Issued on**11/07/16**..... at New Delhi.


(Vipin Kental)
Chief Fire Officer
Delhi Fire Service
Ph: - 011-23412225

Copy to:-

- (1) The Medical Superintendent,
Aruna Asaf Ali Hospital, 1A, Battery lane,
Rajpur Road, Delhi-110054.

Conditions:-

1. All the fire safety arrangements provided therein shall be maintained in good working conditions at all times.
2. Any loss of life or property due to non functional fire safety measures shall be at the responsibility of the management.
3. The trained fire fighting staff should be available round the clock.
4. Any deviation w.r.t. construction etc. shall be verified by the concerned building sanctioning authority.
5. This fire safety certificate may not be treated in any case for regularization of unauthorized construction, if any.
6. 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 www.dfs.delhigovt.nic.in
7. The owner/occupier shall apply for renewal of this Fire Safety Certificate to the Director in form 'J' [sub rule (I) of rule 37] along with a copy of this Certificate, six month prior to its expiry".
8. The basement shall only be used as per BBL 1983.

INSPECTION REPORT

1. Name & address of the building:- Aruna Asaf Ali Hospital, 1A, Battery lane, Rajpur Road, Delhi-110054.
2. Type of occupancy:- Institutional Building, Basement + Ground + 3 Upper Floors.
3. Type of case:- Renewal
4. Details of previous FSC:- No. F6/DFS/MS/Hospital/2013/233 dated 15/01/2013.
5. Fire safety directives No.- N/A
6. Date of inspection:- 06/06/16
7. Name of the inspecting officer:- D.O. Gurmukh Singh.
8. Name & designation of officer
From the building side:- Mr. Abhishek Verma (JEE) & Mr. Babu Ram (AEE).
9. Year of construction:- 1996.
10. Applicant's letter No:- 23 (23) E.E.V/H.M.E.D.(M)/PWD/2015-16/1581 dated 13/05/16

S.No.	Minimum Standards on fire Prevention and fire safety U/R 33	Requirement (PSS Area)	Provided at site PSS	Old Case Remarks MR/NMR
1.	Access to Building			
	1) Road width	06 Mtr.	06 Mtr.	MR
	2) Gate width	05 Mtr.	05 Mtr.	MR
	3) Width of internal road	06 Mtr.	06 Mtr. on 2 side	MR
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	05 No.	05 No.	MR
	2. Basements	02 No.	02 No. & ramp	MR
	B. Width of staircase			
	1. Upper floors	2 mtr.	1.95 mtr. X 2, 1.90 mtr., 1.85 mtr. & 1.77 mtr.	MR (Old case)
	2. Basements	2 mtr.	1.97 mtr. , 1.99 mtr. & 01 ramp	MR (Old case)
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	N/A	N/A	N/A
	D. No. of continuous staircase to terrace	04 no.	04 no.	MR
	E. Width of corridor	N/A	N/A	N/A
	F. Door size	2 mtr.	2 mtr.	MR
3.	Compartmentation			
	1) Fire check door	Required	Provided	MR
	2) Sealing of electrical shafts	Required	Provided	MR
	3) Fire rating of shaft door	N/A	N/A	N/A
	4) Water curtain	N/A	N/A	N/A
	5) Fire Dampers	N/A	N/A	N/A
4.	Smoke Management System			
	1) Basements	30 ACPH	Provided	MR

h

N-27

	2) Upper floors	12 ACPH	Natural	MR
5.	Fire Extinguishers			
	1) Total numbers	52 Nos.	54 Nos.	MR
	2) Types	ABC & CO2	ABC & CO2	MR
	3) ISI marking	Required	Provided	MR
6.	First-Aid Hose Reel			
	1) Total number at each floor	02 no.	Provided	MR
	2) Length of hose reel hose	30 mtr.	30 mtr.	MR
	3) Nozzle diameter	5 mm.	5 mm	MR
7.	Automatic Fire Detection & Alarming System			
	1) Type of detectors	Smoke & heat	Provided	MR
	2) Location of main panel	Ground floor	provided	MR
	3) Location of repeater panel	One at each floor	provided	MR
	4) Alternate source of power	Required	Provided	MR
	5) Hooter's Location	at common area	Provided	MR
8.	MOEFA			
		Required	Provided	MR
9.	Public Address System			
		Required	Provided	MR
10.	Automatic Sprinkler System			
	1) Basement	Required	Provided	MR
	2) Upper floors	N/A	N/A	N/A
	3) Sprinkler above false ceiling	N/A	N/A	N/A
11.	Internal Hydrants			
	1) Size of riser/down-comer	100 mm.	100 mm.	MR
	2) Number of hydrants per floor	02 no.	02 no.	MR
	3) Hose box containing delivery hoses	02 no.	02 no.	MR
12.	Yard Hydrants			
	1) Total number of hydrants	04 no.	04 no.	MR
	2) Hose box	04 no.	04 no.	MR
13.	Pumping Arrangement			
	1) Ground level			
	a) Discharge of main pump	2280 LPM	2280 LPM	MR
	b) Head of main pump	70 mtr.	70 mtr.	MR
	c) Number of main pump	01 no.	01 no.	MR
	d) Jockey pump out put	180 LPM	180 LPM	MR
	e) Jockey pump head	70 mtr.	70 mtr.	MR
	f) Stand by pump output	2280 LPM	2280 LPM	MR
	g) Stand by pump head	70 mtr.	70 mtr.	MR
	h) Auto starting/Manual stopping	Required	Provided	MR
	2) Terrace level			
	a) Discharge of pump	N/A	N/A	N/A
	b) Head of pump	N/A	N/A	N/A
	c) Power supply	N/A	N/A	N/A
	d) Auto starting of pump	N/A	N/A	N/A
14.	Captive Water Storage for Fire Fighting			
	1) Under ground tank	1,00,000 ltrs.	1,00,000 ltrs.	MR

	capacity			
	a) Draw-off connection	Required	Provided	MR
	b) Fire service inlet	Required	Provided	MR
	c) Access to tank	Required	Provided	MR
	d) Over head tank capacity	10,000 ltrs.	10,000 ltrs.	MR
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	a) Pressurization of lift shaft	N/A	N/A	N/A
	b) Pressurization of lift lobby	N/A	N/A	N/A
	c) Communication in lift car	N/A	N/A	N/A
	d) Fireman's switch	N/A	N/A	N/A
	e) Lift signage	N/A	N/A	N/A
17.	Stand by Power Supply	Required	Provided	MR
18.	Refuge Area	N/A	N/A	N/A
	Total area location	N/A	N/A	N/A
19.	Fire Control Room	N/A	N/A	N/A
	a) Detector system panel	Required	Provided	MR
	b) Flow switch panel	N/A	N/A	N/A
	c) PA system panel	Required	Provided	MR
	d) Battery backup	Required	Provided	MR
	e) Building floor plan	N/A	N/A	N/A
20.	Special Fire Protection System for Protection of special Risk, if any:			MR

The EEE/AEE, PWD have informed that Delhi Fire Service had informed vide letter dated 23/12/11 that over head tank of 10,000 ltrs. is required and requirement of terrace pump was not appraised. Hence not provided, However it may be ^{typical} mistake as requirement of over head tank is 10,000 ltrs. & terrace pump not required as per NBC Part IV in the year of 2013 for low rise hospital buildings. Hence renewal of Fire Safety Certificate may be considered.

The fire protection system provided in the hospital were tested, checked at random and found functional at the time of inspection.

In view of the deemed compliance of the minimum standards of fire prevention and fire safety measures as required under the rules the FSC issued vide letter No.F6/DFS/MS/Hospital/2013/233 dated 15/01/2013, renewal under Rule 35 of the Delhi Fire Service rules 2010, is recommended

(Signature)
23/6/10
Gurmukh Singh
Divisional Officer

(Signature)
29/6

C. F. P. what about compliance of fire short comings.
(Signature)
30/6