

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEADQUARTERS: DELHI FIRE SERVICE: CONNAUGHT PLACE
NEW DELHI-110001

NO.F6/DFS/MS/Hospital/2012/ 233

Dated: 15/01/13

FIRE SAFETY CERTIFICATE

Certified that **Aruna Asaf Ali Hospital located at 1A, Battery Lane, Rajpur road, Delhi-54** comprised of Basement, ground and three upper floors have complied with the fire prevention and fire safety requirements in accordance with rule 33 of the Delhi fire service Rules 2010 and verified by the officer concerned of Delhi fire service on 23.12.2012 in presence of Mr. S.K.Sharma, A.E.(Electrical), PWD of the hospital and that the building/premises is fit for occupancy class Institutional (Hospital) with effect from 15/01/13 for a period of **3(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 15/01/13 at New Delhi by.



**Chief Fire Officer
Delhi Fire Service**



Copy to: -

1. The Executive Engineer, PWD(Elect.), Division-VII, Below ISBT Fly Over, Delhi
2. The Executive Engineer, PWD(Civil), Division-25, 1, Battery Lane, Rajpur road, Delhi
3. The Medical Superintendent, Aruna Asaf Ali Hospital, 1A, Battery Lane, Rajpur road, Delhi-54

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. 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.
- c. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- d. Width of staircases which are less than 2 mts may be examined as fate accomplished or otherwise
- e. 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

INSPECTION REPORT

1. Name & address of the building : Aruna Asaf Ali Hospital, Govt. of NCT of Delhi, Rajpur road, New Delhi
2. Type of Occupancy : Hospital(Institutional)
3. Type of Case : New Case
4. Details of previous NOC : N.A.
5. Fire Safety directives letter No : N/A
6. Date of inspection : 23-12-2012
7. Name of the Inspecting Officers : Sh. M.K.Chattopadhyay, ADO(CD)
8. Name and designation of officers
from the building side : Mr. S.K.Sharma, A.E.(Electrical) & Mr. A.P.S.Shisodia (J.E., Electrical)
9. Year of Construction : 1996
10. Applicant's letter No. : SEM-3532/CPWD.Elect.S-Div M-353/422 dated 24-11-2012

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1	Access to building			
	• Road width	6.0 mts	Provided	MR
	• Gate width	5.0 mts	Provided	MR
	• Width of internal road	6.0 mts	Provided on 02 sides of the bldg.	MR
2	Number, Width, Type & Arrangement of Exits			
	a. Number of staircases	—	—	—
	• Upper Floors	04	04	MR
	• Basements	02+ 01 ramp	Provided	MR
	b. Width of staircases	—	—	—
	• Upper Floors	2.0 mts	1.95mts, 1.90 mts,	MR (fate accomplished)
	• Basements	2.0 mts	1.85 mts	MR (fate accomplished)
	c. Protection of exits	—	—	—
	• Fire check door	Required	Provided	MR
	• Pressurization	Not required	Not required	-----
	e. No. of continuous staircases to terrace	04	04	MR

	g. Width of Corridor	2.4 mts	Provided	MR
	h. Door Size	2.0 mts	Provided	MR
			Not required	
3	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	Required	Provided	MR
	• Water Curtain	Not Required	N/A	N/A
	• Fire Dampers	Not required	N/A	N/A
4	Smoke Management System.			
	• Basements	30 a/c per hour	Provided	MR
	• Upper floors	12 a/c per hour	Not required	-----
5	Fire Extinguishers			
	• Total numbers 60		Provided	MR
	• Types CO ₂ & ABC		Provided	MR
	• IS marking	ISI marked	Provided	MR
6	First-Aid Hose Reels.			
	• Total numbers on each floor	03	Provided	MR
	• Length of hose reel hose	30 m	Provided	MR
	• Nozzle diameter	5 mm	Provided	MR
7	Automatic fire detection and alarming system.			
	• Type of detectors	Smoke & heat	Provided	MR
	• Location of Main Panel	Ground floor	Provided	MR
	• Location of Repeater Panel	One at each floor	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	At common areas	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	• Basement	Required	Provided	MR
	• Upper Floor	Required	Provided	MR

	g. Width of Corridor	2.4 mts	Provided	MR
	h. Door Size	2.0 mts	Provided	MR
			Not required	
3	Compartmentation.			
	• Fire check door	Required	Provided	MR
	• Sealing of electrical shafts	Required	Provided	MR
	• Fire Rating of shaft door	Required	Provided	MR
	• Water Curtain	Not Required	N/A	N/A
	• Fire Dampers	Not required	N/A	N/A
4	Smoke Management System.			
	• Basements	30 a/c per hour	Provided	MR
	• Upper floors	12 a/c per hour	Not required	-----
5	Fire Extinguishers			
	• Total numbers 60		Provided	MR
	• Types CO ₂ & ABC		Provided	MR
	• IS marking	ISI marked	Provided	MR
6	First-Aid Hose Reels.			
	• Total numbers on each floor	03	Provided	MR
	• Length of hose reel hose	30 m	Provided	MR
	• Nozzle diameter	5 mm	Provided	MR
7	Automatic fire detection and alarming system.			
	• Type of detectors	Smoke & heat	Provided	MR
	• Location of Main Panel	Ground floor	Provided	MR
	• Location of Repeater Panel	One at each floor	Provided	MR
	• Alternate source of power	Required	Provided	MR
	• Hooters' Location	At common areas	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System.	Required	Provided	MR
10	Automatic Sprinkler System.			
	• Basement	Required	Provided	MR
	• Upper Floor	Required	Provided	MR


	<ul style="list-style-type: none"> • Sprinkler above false ceiling 	Not Required	N/A	-----
11	Internal Hydrants			
	<ul style="list-style-type: none"> • Size of riser/down-comer 	100 mm	Provided	MR
	<ul style="list-style-type: none"> • Number of hydrants per floor 	03	Provided	MR
	<ul style="list-style-type: none"> • Hose Box 	03	Provided	MR
12	Yard Hydrants.			
	<ul style="list-style-type: none"> • Total number of hydrants 	04	Provided	MR
	<ul style="list-style-type: none"> • Hose Box 	04	Provided	MR
13	Pumping Arrangements.			
	<ul style="list-style-type: none"> • Ground Level <ul style="list-style-type: none"> ➤ Discharge of main Pump ➤ Head of Main pump ➤ Number of main pumps ➤ Jockey Pump out put ➤ Jockey pump head ➤ Standby Pump out put ➤ Standby Pump Head ➤ Auto Starting/ Manual stopping ➤ Pump House Access • Terrace level <ul style="list-style-type: none"> ➤ Discharge of pump ➤ Head of the pump ➤ Power Supply ➤ Auto Starting of pump 			
		2280 LPM	Provided	MR
		70 mts	Provided	MR
		01	Provided	MR
		180 LPM	Provided	MR
		70 mts	Provided	MR
		2280 LPM	Provided	MR
		70 mts	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	900 LPM	MR
		Required	45 mts	MR
		Required	Provided	MR
		Required	MR	Provided
14	Captive Water Storage for fire fighting.			
	<ul style="list-style-type: none"> • Underground tank capacity 	1,00,000 lts	Provided	MR
	<ul style="list-style-type: none"> ➤ Draw-off connection 	Required	Provided	MR
	<ul style="list-style-type: none"> ➤ Fire service inlet 	Required	Provided	MR
	<ul style="list-style-type: none"> ➤ Access to tank 	Required	Provided	MR
	<ul style="list-style-type: none"> • Overhead Tank capacity 	20,000 lts	Provided	MR
15	Exit Signage.	Required	Provided	MR

16	Provision of Lifts.			
	<ul style="list-style-type: none"> Pressurization of Lift Shaft Pressurization of Lift lobby Communication In lift Car Fireman's Grounding Switch Lift Signage 	Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
17	Standby power supply	Required	Two 625 KVA & one 125 KVA	MR
18	Refuge Area.			
	➤ Total Area	Not required	N/A	-----
	➤ Location	-----	N/A	-----
19	Fire Control Room			
	<ul style="list-style-type: none"> Detector System Panel Flow Switch Panel PA System Panel Batter backup Building Floor Plans 	Required	Provided	MR
		Not required	N/A	-----
		Required	Provided	MR
		Required	Provided	MR
		Required	Provided	MR
20	Special Fire Protection Systems for Protection of special Risks, if any:	Required	20 kg CO ₂ fire extinguishers found provided near electric panel	MR

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.

Submitted please
09-01-13
 Dd (CD)
 Defo on leave
 C.F.O.


 (M.K. Chattopadhyay)
 ADO(CC)