

### FIRE SAFETY CERTIFICATE

Certified that **Bihar Pavilion located at ITPO, Pragati Maidan, New Delhi** comprised of **ground floor and first floor** 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 **18.10.2011** in presence of Mr. Umesh Kumar Singh, Pavilion Director, Shri Bhogender Lal, Executive Director, Shri M.S.Pathak, Consultant Technical and Shri Anupam Shukla, Executive Engineer (Civil) and that the building/premises is fit for occupancy class Assembly with effect from ~~03/11/11~~ 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 ~~03/11/11~~ at New Delhi by.

  
Chief Fire Officer  
Delhi fire service

Copy to:-

1. Shri R.C.Roy, O.S.D., BAIDA, Patna, Bihar
2. The Assistant Engineer, Bihar Pavilion, Industrial Bhawan, Old Gandhi Maidan, Patna, Bihar
3. The General Manager, ITPO, Pragati Maidan, New Delhi

#### 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. The staffs shall be trained for operating fire fighting system and mock evacuation drills be conducted at regular intervals and record be maintained.
- c. The fire safety arrangements provided in the building shall be checked every year before starting International Trade Fair.
- d. 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 : Bihar pavilion, Pragati Maidan, New Delhi.
2. Type of Occupancy : Bihar pavilion (Assembly)
3. Type of Case : New Case/ Renewal
4. Details of previous NOC : Letter No. \_\_\_\_\_ Dated: 7/9/2011
5. Fire Safety directives letter No : FE/DFs/MS/2011/2192 dated 7/9/2011
6. Date of inspection : 18/10/2011
7. Name of the Inspecting Officers : Shri M.K. Chattopadhyay, ADO
8. Name and designation of officers from the building side : Sh. Umesh Kr. Singh (Pavilion Director), Sh. Bhojender Lal (ex-Director (Bihar) EX-Eng (Civil))  
Sh. M.S. Pathak (Consultant Technical), Anupshukla
9. Year of Construction : 1983
10. Applicant's letter No. : OS dated 10/10/2011

S. No.	Minimum Standards on fire prevention and fire safety U/R 33	NBC Requirement	Provided at site	Remarks MR/NMR
1	<b>Access to building</b>			
	• Road width	-	70 feet	MR
	• Gate width	4.5 mt	Directly from the road	MR
	• Width of internal road		3.60 mt	MR
2	<b>Number, Width, Type &amp; Arrangement of Exits</b>			
	a. Number of staircases	02 nos	03 nos.	MR
	• Upper Floors	02 nos.	2.4 mt, 2 mt, 1.10 mt	MR
	• Basements	-	-	-
	b. Width of staircases			
	• Upper Floors	1.5 mt	2.4 mt, 2 mt, 1.10 mt	MR
	• Basements	-	-	-
	c. Protection of exits			
	• Fire check door	not required	-	-
	• Pressurization	Not required	-	-
	e. No. of continuous staircases to terrace	-	-	-
	g. Width of Corridor	-	-	-
	h. Door Size	1.5 mt	4.10 mt	MR
3	<b>Compartmentation.</b>			

	<ul style="list-style-type: none"> <li>• Fire check door</li> <li>• Sealing of electrical shafts</li> <li>• Fire Rating of shaft door</li> <li>• Water Curtain</li> <li>• Fire Dampers</li> </ul>	—	—	—
		No electrical shaft	—	—
		—	—	—
		—	—	—
4	<b>Smoke Management System.</b>			
	<ul style="list-style-type: none"> <li>• Basements</li> <li>• Upper floors</li> </ul>	30 a/c per hour 12 a/c per hour	—	—
			Required	Naturally ventilated & mechanically provided
5	<b>Fire Extinguishers</b>			
	<ul style="list-style-type: none"> <li>• Total numbers</li> <li>• Types</li> <li>• IS marking</li> </ul>	20 Nos. ISI marked	ABC - 7 CO <sub>2</sub> - 6 water CO <sub>2</sub> - 7	MR MR MR
6	<b>First-Aid Hose Reels.</b>			
	<ul style="list-style-type: none"> <li>• Total numbers on each floor</li> <li>• Length of hose reel hose</li> <li>• Nozzle diameter</li> </ul>	0.3 mm 30 m 5 mm	provided provided provided	MR MR MR
7	<b>Automatic fire detection and alarming system.</b>			
	<ul style="list-style-type: none"> <li>• Type of detectors</li> <li>• Location of Main Panel</li> <li>• Location of Repeater Panel</li> <li>• Alternate source of power</li> <li>• Hooters' Location</li> </ul>	Smoke Ground floor Not required Required Near each stair cases	provided at each floor provided — provided provided	MR MR — MR MR
8	<b>MOEFA</b>	Required	provided	MR
9	<b>Public Address System.</b>	Required	provided	MR
10	<b>Automatic Sprinkler System.</b>	Not required as per directives		
	<ul style="list-style-type: none"> <li>• Basement</li> <li>• Upper Floor</li> <li>• Sprinkler above false ceiling</li> </ul>	— Not required —	— provided at ground floor —	— — —
11	<b>Internal Hydrants</b>			
	<ul style="list-style-type: none"> <li>• Size of riser/down-comer</li> </ul>	100 mm	100 mm	MR

	<ul style="list-style-type: none"> <li>Number of hydrants per floor</li> <li>Hose Box</li> </ul>	03 ms	provided	MR ✓
		Required	provided	MR ✓
12	<b>Yard Hydrants.</b>	Required	provided	MR ✓
	<ul style="list-style-type: none"> <li>Total number of hydrants</li> <li>Hose Box</li> </ul>	Required	provided	MR ✓
13	<b>Pumping Arrangements.</b>			
	<ul style="list-style-type: none"> <li>Ground Level <ul style="list-style-type: none"> <li>Discharge of main Pump</li> <li>Head of Main pump</li> <li>Number of main pumps</li> <li>Jockey Pump out put</li> <li>Jockey pump head</li> <li>Standby Pump out put</li> <li>Standby Pump Head</li> <li>Auto Starting/ Manual stopping</li> <li>Pump House Access</li> </ul> </li> <li>Terrace level <ul style="list-style-type: none"> <li>Discharge of pump</li> <li>Head of the pump</li> <li>Power Supply</li> <li>Auto Starting of pump</li> </ul> </li> </ul>	2280 LPM	2280 LPM	MR ✓
		—	30m+	MR ✓
		01	provided	MR ✓
		180 LPM	180 LPM	MR ✓
		Required	30m+	MR ✓
		2280 LPM	2280 LPM	MR ✓
		Required	30m+	MR ✓
		Required	provided	MR ✓
		Required	Located in open area	MR ✓
		450 LPM	450 LPM	MR ✓
		Required	provided	MR ✓
		Required	provided	MR ✓
14	<b>Captive Water Storage for fire fighting.</b>			
	<ul style="list-style-type: none"> <li>Underground tank capacity</li> <li>Draw-off connection</li> <li>Fire service inlet</li> <li>Access to tank</li> <li>Overhead Tank capacity</li> </ul>	50,000 LPM	50,000 LPM	MR ✓
		Required		
		Required	provided	MR ✓
		Required	provided	MR ✓
		5,000 lb	provided	MR ✓
		Required	provided	MR ✓
15	<b>Exit Signage.</b>			
16	<b>Provision of Lifts.</b>	not applicable		
	<ul style="list-style-type: none"> <li>Pressurization of Lift Shaft</li> </ul>	—	—	—

	<ul style="list-style-type: none"> <li>• Pressurization of Lift lobby</li> <li>• Communication In lift Car</li> <li>• Fireman's Grounding Switch</li> <li>• Lift Signage</li> </ul>			
17	Standby power supply		30 kVA	
18	Refuge Area.	not applicable		
	➤ Total Area			
	➤ Location			
19	Fire Control Room			
	• Detector System Panel	Required	provided	MR
	• Flow Switch Panel	not Required	-	-
	• PA System Panel	Required	provided	MR
	• Batter backup	Required	provided	MR
	• Building Floor Plans	-	-	-
20	Special Fire Protection Systems for Protection of special Risks, if any:	10kg of 05 1kg 1 type ABC 1 type fire extinguisher	provided	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/ issue shortcomings as noted at serial numbers.....

Signature of the Inspecting Officer

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Name

Name M. K. CHATTOPADHYAY

Designation

Designation ADO