

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI  
HEAD QUARTERS, DELHI FIRE SERVICE, NEW DELHI - 110001**

No.F6/DFS/MS/NDZ/2019/ 399

Dated : 13/2/19

**FIRE SAFETY CERTIFICATE**

Certified that the CSIR , Anusandhan Bhawan located at Rafi Marg, New Delhi comprised of B + Gr. + 04 floor owned/occupied by CSIR was granted FSC by this department vide letter No. F6/DFS/MS/2016/NDZ/48 dated 06/01/2016. The premises was re-inspected by the officer concerned of this department on 24/01/19 in the presence of Sh. Anoop Misra, JE (E) and found that the said building 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 Business building Group – E with effect from 13/2/19 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, printed below.

Issued 13/2/19 at New Delhi by.

  
(Vipin Kental)  
Chief Fire Officer  
Delhi Fire Service

Copy to:-

1. Sh. Anoop Misra,  
Executive Engineer,  
CSIR , Anusandhan Bhawan at Rafi Marg, New Delhi.  
Condition for the validity of fire safety certificate

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](http://www.dfs.delhigovt.nic.in)
7. The means of escape shall be kept unobstructed / unlocked for unhindered evacuation in case of an emergency.
8. 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".

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INSPECTION REPORT

1. Name & address of the building : CSIR Building, Anusandhan Bhawan, 2, Rafi Marg, New Delhi.
2. Type of occupancy : Business Building  
(B + Gr. + 04 Upper floors)
3. Type of case:- : Renewal
4. Details of previous FSC : F6/DFS/MS/2016/NDZ/48 dated 06/02/2016.
5. Fire safety directives No. : N/A
6. Date of inspection:- : 24/01/19
7. Name of the inspecting officer : Sh. M.K. Sharma ADO/CC
8. Name & designation of officer  
From the building side : Sh. Anoop Mishra, JE, (E)
9. Year of construction : 1985
10. Applicant's letter No : Nil dated 26/11/18

Old Case

S.No.	Minimum Standards on fire Prevention and fire safety U/R 33	Requirement Existing fire safety arrangements	Provided at site	Remarks MR/NMR
1.	Access to Building			
	1) Road width	09 mtr.	09 mtr.	MR
	2) Gate width	4.5 mtr.	4.5 mtr.	MR
	3) Width of internal road	06 mtr.	06 mtr.	MR
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	03 No.	03 No.	MR
	2. Basements	02 No	02 No.	MR
	B. Width of staircase			
	1. Upper floors	1 mtr.	2 Nos. 1.5 mtr. 1 Nos. 1.0 mtr.	MR
	2. Basements	1 mtr.	2 Nos. 1.5 mtr.	MR
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	NA	NA	NA
	D. No. of continuous staircase to terrace	01 No	01 No	MR
	E. Width of corridor	NA	NA	MR
	F. Door size	1 Mtr.	1 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	NA	NA	NA
	4) Water curtain	N/A	N/A	N/A
	5) Fire Dampers	Required	Provided	MR
4.	Smoke Management System			
	1) Basements	30 ACPH	Provided	MR
	2) Upper floors	12 ACPH	Provided	MR
5.	Fire Extinguishers			
	1) Total numbers	50 Nos.	50 Nos.	MR
	2) Types	ABC & CO2	ABC, CO2 & W.CO2	MR
	3) ISI marking	Required	Provided	MR



6.	First-Aid Hose Reel			
	1) Total number of each floor	01 No.	01 No.	MR
	2) Length of hose reel hose	30 m	30 m	MR
	3) Nozzle diameter	5 mm	5 mm	MR
7.	Automatic Fire Detection & Alarming System			
	1) Type of detectors	Smoke	Smoke	MR
	2) Location of main panel	Gr. Floor	Provided	MR
	3) Location of repeater panel	Required	Provided	MR
	4) Alternate source of power	Required	Provided	MR
	5) Hooter's Location	Every floor	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	NA	NA	NA
	3) Sprinkler above false ceiling	NA	NA	NA
11.	Internal Hydrants			
	1) Size of riser/down-comer	150 MM	150 MM	MR
	2) Number of hydrants per floor	01	01	MR
	3) Hose box each floor	01	01	MR
12.	Yard Hydrants			
	1) Total number of hydrants	04	04	MR
	2) Hose box	04	04	MR
13.	Pumping Arrangement			
	1) Ground level			
	a) Discharge of main pump	2400 LPM	2400 LPM	MR
	b) Head of main pump	70 mtr.	70 mtr.	MR
	c) Number of main pump	02	02	MR
	d) Jockey pump out put	280 LPM	280 LPM	MR
	e) Jockey pump head	70 mtr.	70 mtr.	MR
	f) Stand by pump output	2400 LPM	2400 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	450 LPM	450 LPM	N/A
	b) Head of pump	30 mtr.	30 mtr.	N/A
	c) Power supply	Required	Provided	MR
	d) Auto starting of pump	Required	Provided	MR
14.	Captive Water Storage for Fire Fighting			
	1) Under ground tank capacity	75,000 ltr.	2,00,000 ltr.	MR
	a) Draw-off connection	Required	Provided	MR
	b) Fire service inlet	Required	Provided	MR

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	c) Access to tank	Required	Provided	MR
	d) Over head tank capacity	20,000 Ltrs.	20,000 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	Required	Provided	MR
	d) Fireman's switch	Required	Provided	MR
	e) Lift signage	Required	Provided	MR
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	Required	Provided	MR
	a) Detector system panel	Required	Provided	MR
	b) Flow switch panel	Required	Provided	MR
	c) PA system panel	Required	Provided	MR
	d) Battery backup	Required	Provided	MR
	e) Building floor plan	NA	NA	NA
20.	Special Fire Protection System for Protection of special Risk, if any:			MR

The fire protection systems provided in the building were randomly tested, checked 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 NOC issued vide letter no. F6/DFS/MS/2016/NDZ/48 dated 06/01/2016 renewal under rule 35 of the Delhi Fire Service rules 2010, is recommended.

Signature of the Inspecting Officer

*M.K. Sharma*

Name :- M.K. Sharma  
Designation :- ADO (CC)

Dy. CFO/NDZ

932/CFO/NDZ  
4/2/7/2

CFQ

M.Scell

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F-T letter is put up for sign. pl

*M.K. Sharma*  
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932/CFO/NDZ