

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

No.F6/DFS/MS/2017/ 102/1807

Dated: 13/12/17

FIRE SAFETY CERTIFICATE

Certified that the **Gas Turbine Power Station at I. P. Estate, Ring Road, New Delhi** comprised of **Maintains block- Ground + 01 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 25/07/2017 in the presence of M. Jay Surya (DGM) that the premises is fit for occupancy class **Industrial Building G (b) IV** with effect from 13/12/17 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 13/12/17 at New Delhi by.


(Vipin Kental)
Chief Fire Officer
Delhi Fire Service

Copy to:-

Sh. M Shukla,
GM (T) GTPS,
Indraprastha Power Generation Co. Ltd., Gas Turbine Power Station, I.P. Estate, Ring
Road, New Delhi – 110002.

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.
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".

INSPECTION REPORT

- 1 Name & address of the building : Gas Turbine Power Station at I. P. Estate, Ring Road, New Delhi – 110002
2. Type of occupancy : Industrial Building
Maintains- Block - Ground + 01 Upper floor
Academic- Block Ground floor only
3. Type of case:- : New Case
4. Details of previous FSC : N/A
5. Fire safety directives No. : N/A
6. Date of inspection:- 25/07/17
7. Name of the inspecting officer : Sh. M.K. Sharma ADO/CC
8. Name & designation of officer
From the building side : Sh. S.P. Singh GM (T)
9. Year of construction : 1984-85
10. Applicant's letter No : GM(GTPS)/OPN/2017-18/72 dated 29.04.17

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	06mtr.	06 Mtr.	MR
	2) Gate width	06 mtr.	06 mtr.	MR
	3) Width of internal road	06 mtr.	06 & 04 mtr.	MR
2.	Number, Width Type & Arrangement of Exits			
	A. Number of staircases			
	1. Upper floors	01 Nos.	02 Nos.	MR
	2. Basements	NA	NA	NA
	B. Width of staircase			
	1. Upper floors	1.5 & 0.90 mtr.	Maintains block 1.5 mtr. & steel s/c 0.90 mtr.	MR
	2. Basements	NA	NA	NA
	C. Protection of exits			
	1. Fire check door	Required	Provided	MR
	2. Pressurization	NA	NA	NA
	D. No. of continuous staircase to terrace	01	01	02
	E. Width of corridor	1.5 mtr.	2.20 mtr.	MR
	F. Door size	1.0 mtr.	1.0 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	Required	Provided	MR
	4) Water curtain	NA	NA	NA
	5) Fire Dampers	Required	Provided	MR
4.	Smoke Management System			
	1) Basements	NA	NA	NA
	2) Upper floors	12 ACPH	Natural	MR
5.	Fire Extinguishers			
	1) Total numbers	880	884	MR
	2) Types	ABC, CO2, DCP	ABC, CO2, DCP, Wco2	MR

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	3) ISI marking	Required	Provided	MR
6.	First-Aid Hose Reel			
	1) Total number	01	01	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	Required	Provided	MR
	2) Location of main panel	c. room	Provided	MR
	3) Location of repeater panel	Floor wise	Provided	MR
	4) Alternate source of power	Required	Provided	MR
	5) Hooter's Location	Each 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	Required	Provided	MR
	3) Sprinkler above false ceiling	Required	Provided	MR
11.	Internal Hydrants			
	1) Size of riser/down-comer	150 MM	150 MM	MR
	2) Number of hydrants per Basement	02	02	MR
	3) Hose box each floor	02	02	MR
12.	Yard Hydrants			
	1) Total number of hydrants	45	45	MR
	2) Hose box	45	45	MR
13.	Pumping Arrangement	Common		
	1) Ground level			
	a) Discharge of main pump	2850 LPM	2850 LPM	MR
	b) Head of main pump	90mtr.	126 mtr.	MR
	c) Number of main pump	02	02	MR
	d) Jockey pump out put	450 LPM	900 LPM	MR
	e) Jockey pump head	126 mtr.	126 mtr.	MR
	f) Stand by pump output	2850 LPM	4500 LPM	MR
	g) Stand by pump head	90 mtr.	126 mtr.	MR
	h) Auto starting/Manual stopping	Required	Provided	MR
	2) Terrace level			
	a) Discharge of pump	NA	NA	NA
	b) Head of pump	NA	NA	NA
	c) Power supply	NA	NA	NA
	d) Auto starting of pump	NA	NA	NA
14.	Captive Water Storage for Fire Fighting Common			
	1) Under ground tank capacity	2,00,000 ltr.	2,00,000 ltr.	MR
	a) Draw-off connection	Required	Provided	MR

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N/2

	b) Fire service inlet	Required	Provided	MR
	c) Access to tank	Required	Provided	MR
	d) Over head tank capacity	NA	NA	NA
15.	Exit Signage.	Required	Provided	MR
16.	Provision of Lifts.			
	a) Pressurization of lift shaft	NA	NA	NA
	b) Pressurization of lift lobby	NA	NA	NA
	c) Communication in lift car	NA	NA	NA
	d) Fireman's switch	NA	NA	NA
	e) Lift signage	NA	NA	NA
17.	Stand by Power Supply	Required	Provided	MR
18.	Refuge Area	NA	NA	NA
	Total area location	NA	NA	NA
19.	Fire Control Room			
	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	Required	Provided	MR
20.	Special Fire Protection System for Protection of special Risk, if any: DCP , CO ₂			MR

The fire protection systems provided in the building were randomly tested, 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, grant of fire Safety Certificate under rule 35 of the Delhi Fire Service Rules 2010 / is recommended please.

Signature of the Inspecting Officer

M.K. Sharma

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

~~DO (CO)~~
Dy CEO (NDZ)
16/11/17
17/11