



No.F6/DFS/MS/Industrial/SZ/2023/ 144

Dated: 16/03/2023

FIRE SAFETY CERTIFICATE

Certified that the M/s Carl Zeiss India (Bangalore) PVT. Ltd. located at Plot no. A-26/6 MCIE, New Delhi-110044, comprised of Basement + Ground + Mezzanine + 01 upper floor was granted Fire Safety Certificate (FSC) by this department vide letter no. F6/DFS/MS/Industrial/2020/SZ/143 dated 09.03.2020. The building was re-inspected by a team of officers concerned of this department on 10.03.2023 in the presence of Mr. Ramesh Shinde and found that the building has deemed complied with the fire prevention and fire safety requirements in accordance with Rule 33 of Delhi Fire Service Rules, 2010. Accordingly, the premises (Basement + Ground + Mezzanine + 01 upper floor) is fit for occupancy of Group G "Industrial Building" with effect from ...16/03/2023..... for a period of three years in accordance with Rule 36 unless renewed under Rule 37 or sooner cancelled under Rule 40 and subject to conditions under Rule 38 of Delhi Fire Service Rules, 2010 printed below.

Issued on...16/03/2023.....at New Delhi by


(Atul Garg)

Director

Delhi Fire Service

Copy to:-

1. The Executive Engineer (Building), South DMC, Jal Vihar, Lajpat Nagar, New Delhi-24.
2. M/s Carl Zeiss India (Bangalore) PVT. Ltd. located at Plot no. A-26/6 MCIE, New Delhi-110044.

Conditions for the validity of Fire Safety Certificate

1. The owner /occupier shall apply for renewal of this fire safety certificate to the Director in form J' [sub rule(1) of rule 37] along with a copy of this certificate, six months prior to its expiry
2. All the means of escape shall be kept free of all the type of obstruction all the time.
3. All the employees shall be acquainted with the use and maintenance of all fire equipments and method of smooth and speedy safe evacuation of occupants in case of emergency.
4. All the fire fighting equipments shall be maintained in perfect working condition all the time and any lapse rendering non-functional of fire safety measures, management shall be responsible.
5. The clarification with regards electrical installation, ventilation, structure stability set back areas, occupancy and constructional deviation in building etc .may be got verified from the authorities concerned.
6. Basement shall used as per NBC/UBBL.
7. This Fire Safety Certificate cannot be treated in any case for regularizations of unauthorized construction unauthorized use of land if any.
8. The owner / occupier shall submit a declaration every year in form 'K' provided in the first schedule of Delhi Fire Service Rule 2010. The form is available on www.dfs.delhigovt.nic.in.

INSPECTION REPORT

1	Name & address of the building	M/s Carl Zeiss India (Bangalore) PVT. Ltd. located at Plot no. A-26/6 MCIE, New Delhi-110044.			
2	Building is comprised of	Basement + Ground + Mezzanine + 01 upper floor. (Mezzanine floor is made up of iron plates & to accommodate machinery only)			
3	Type of occupancy	Group G- Industrial building			
4	Type of case	Renewal			
5	Details of previous FSC	F6/DFS/MS/Industrial/2020/SZ/143 dated 09.03.2020			
6	Fire safety directive letter no.	F6/DFS/MS/BP/2001/739 dated 03.05.2001			
7	Date of inspection	10.03.2023			
8	Name of the inspecting officers	Manoj Kumar Sharma, DO (SD) & Rajesh Kumar Shukla, ADO (M. Road)			
9	Name of the designation of officer From the building side	Mr. Ramesh Shinde			
10	Year of construction	2004 & 2009			
11	Applicant's letter no.	Letter no. nil dated 03.03.2023			
S. No	Minimum standard of Fire Prevention and Fire Safety U/R 33	Requirements As per Directives issued	Provide at site	Remarks MR/NMR	
1	Access to Building				
	A	Road width	9.0 mtrs	Provided	MR
	B	Gate width	5.0 mtrs	4.20 mtrs	MR (Old case)
	C	Width of internal roads	NA	Provided	NA
2	Number, Width, Type & Arrangement of Exits				
	A	No. of staircase:			
		a) Upper floor	02 nos.	02 nos.	MR
		b) Basements	02 nos.	03 nos.	MR
	B	Width of the staircase:			
		a) Upper floors	1.25 mtrs	1.30 each	MR ✓
		b) Basements	1.25 mtrs	1.30, 1.30 mtrs & 4.0 mtrs	MR ✓
	C	Protection of Exits			
		a) Fire check door	Required	Provided	MR
		b) Pressurization	NA	NA	NA
	D	No. of continuous staircase to terrace:	02 nos.	02 nos.	MR
	E	Width of the corridor	1.25 mtrs	Provided	MR
	F	Door size	1.25 mtrs	1.25 mtrs (final exit)	MR ✓
3	Compartmentation:				
	A	Fire check doors	Required	Provided	MR
	B	Sealing of horizontal & vertical opening	Required	Provided	MR
	C	Fire rating of shaft doors	NA	NA	NA
	D	Water curtain	NA	NA	NA
	E	Fire dampers	NA	NA	NA
4	Smoke Management System:				
	A	Basements	Mechanical/ Natural	Exhaust fan	MR
	B	Upper floors	Mechanical/ Natural	Exhaust fan	MR
5	Fire Extinguishers				
	A	Total numbers	16 nos.	20 nos.	MR
	B	Types	CO ₂ , ABC	CO ₂ , ABC	MR
	C	ISI marking	Required	Provided	MR

6	First Aid Hose Reel			
A	Total no. at each floor	2 nos.	2 nos.	MR
B	Length of hose reel	30 mtrs	30 mtrs	MR
C	Nozzle diameter	5 mm	5 mm	MR
7	Automatic Fire Detection and Alarm System (ADAS)			
A	Type of detectors	Smoke/Heat	Provided	MR
B	Location of main Panel	Ground floor	Provided	MR
C	Location of repeater panel	NA	NA	NA
D	Alternate power source	NA	NA	NA
E	Hooter's location	Audible in entire building	Provided	MR
8	MOEFA	Required	Provided	MR
9	Public Address System	NA	NA	NA
10	Automatic Sprinkler System			
A	Basement	Required	Provided	MR
B	Upper floor	Required	Provided	MR
C	Sprinklers above false ceiling	NA	NA	NA
11	Internal Hydrants			
A	Size of the riser/down comer	100 mm	Provided	MR
B	No. of hydrants per floor	02 nos.	Provided	MR
C	Hose box	02 nos.	Provided	MR
12	Yard Hydrants			
A	Total no. of hydrants	04 nos.	Provided	MR
B	Hose box	04 nos.	Provided	MR
13	Pumping Arrangements			
A	Ground Level			
	a) Discharge & head of main pump	2280 LPM & 60 mtrs.	Provided	MR
	b) Number of main pump	1 no.	Provided	MR
	c) Discharge & head of jockey pump	180 LPM & 60 mtrs.	Provided	MR
	d) Discharge & head of Standby pump	2280 LPM & 60 mtrs	Provided	MR
	e) Auto starting/ manual stopping	Required	Provided	MR
B	Terrace Level			
	a) Discharge of terrace pump	900 LPM	Provided	MR
	b) Head of terrace pump	40 m	Provided	MR
	c) Alternate power supply	Required	Provided	MR
	d) Auto starting of pump	Required	Provided	MR
14	Captive Water Storage for Fire Fighting			
A	Underground tank capacity	1,00,000 ltrs	Provided	MR
B	Draw off connection	Required	Provided	MR
C	Fire Service Inlet	NA	NA	NA
E	Access to tank	NA	NA	NA
D	Overhead tank capacity	20,000 ltrs	20,000 ltrs	NA
15	Exit Signage	Required	Provided	MR
16	Provision of lift			
A	Pressurization of lift shaft	NA	NA	NA
B	Pressurization of lift lobby	NA	NA	NA
C	Communication in lift car	Required	Provided	MR
D	Fireman switch	Required	Provided	MR
E	Lift signage	Required	Provided	MR
17	Standby Power Supply	Required	Provided	MR

M/s Carl Zeiss India (Bangalore) PVT. Ltd. located at A-26/6 MCIE, New Delhi-110044.

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18 Refuge Area				
A	location	NA	NA	NA
B	Total area	NA	NA	NA
19 Fire Control Room				
A	Fire Detection System panel	NA	NA	NA
B	Flow switch panel	NA	NA	NA
C	P A system panel	NA	NA	NA
D	Battery backup	NA	NA	NA
E	Building floor plan	NA	NA	NA
20 Special Fire Protection for special risk if any				
A	Special Fire Protection system for Protection of Special Risk, if any:	Required	02 ABC type fire extinguisher near LT panel	Provided

Meeting Requirement (MR), Not Meeting Requirement (NMR), Not Applicable (NA), Provided but Not Functional (PNF), Not Provided (NP).

The fire protection systems provided in the building were tested checked and found not functional at the time of inspection.

The shortcomings issued to the building vide letter no. F6/DFS/MS/Industrial/SZ/2023/287 dated 13.02.2023 has been rectified by the management.

In view of the deemed compliance of minimum standards of fire prevention and fire safety measures as required under the Rules, the FSC issued vide letter no. F6/DFS/MS/Industrial/2020/SZ/143 dated 09.03.2020 is recommended to be renewed under Rule 35 of the Delhi Fire Service Rules 2010.

Handwritten signature: msh
 Signature of the Inspecting Officer
 Name Manoj Kumar Sharma
 Designation DO (SD)

Handwritten signature: Rajesh Kumar Shukla
 Signature of the Inspecting Officer
 Name Rajesh Kumar Shukla
 Designation ADO (M. Road)

CFO
Handwritten signature
 13/03/2023

~~Director~~
Handwritten signature
 13/03/23

~~DU & D~~

Handwritten signature: msh
 ADO (M. Road) FI is put up plz
 Director (DFS)
Handwritten signature
 14/03/23
 15/3/23

NRP