

FIRE AND EMERGENCY SERVICE



NAGPUR MUNICIPAL CORPORATION



FIRE AND EMERGENCY SERVICE

- Presently Department is catering services to Nagpur city and peripheral area through 9 fire stations & one basic fire training center of government recognized.
- Biggest fire service in Vidarbha region.
- Functioning 24X7 with 148 fire fighters & 77 contract base fire fighters including all ranks.
- Services extended to entire Nagpur and near by district.
- Need to be strengthen by man, machine, Infrastructure and training.

Governing Act, Rules & codes

1. Maharashtra Municipal Corporation Act
2. Fire Prevention and life safety measures Act
2006 & Amendment 2023
3. Fire Prevention and life safety measures
Rules 2009
4. National Building Code of India 2016 (Part IV)

Fire Stations

Presently 9 fire stations & one Fire training center are operational in Nagpur city.

- Civil Lines (H. Q.)
- Ganjipeth Fire Station
- Lakadganj Fire Station (Shifted to Bagadganj School)
- Cotton Market Fire Station
- Sakkardara Fire Station
- Kalamna Fire Station
- Narendra N. Fire Station
- Sugat N. Fire Station
- Trimurti Nagar fire station
- Regional Fire Training Center , kalamna Nagpur
- Disaster Management cell

Proposed fire stations

- Wathoda Fire Station.(Under Construction)
- Panchpaoli Fire sation (Work order Under process)
- Pardi Fire station (Under Construction Project of Smart City ,Nagpur)

Redevelopment of Old Fire Stations

<u>Location</u>	<u>Plot Area</u>	<u>Capacity</u>
Lakadganj	3213 Sq. Mt.	Garage- Five Vehicles Office- Divisional Fire Office Quarters-30 Nos
Ganjipeth	1700.8 Sq. Mt.	Garage- Three Vehicles Office- Station Officer Quarters- 26 Nos
Cotton Market	376.07 Sq. Mt.	Garage- Three Vehicles Office- Station Officer



STRENGTHENING OF FIRE SERVICE (RESERVE LAND FOR FIRE STATIONS)

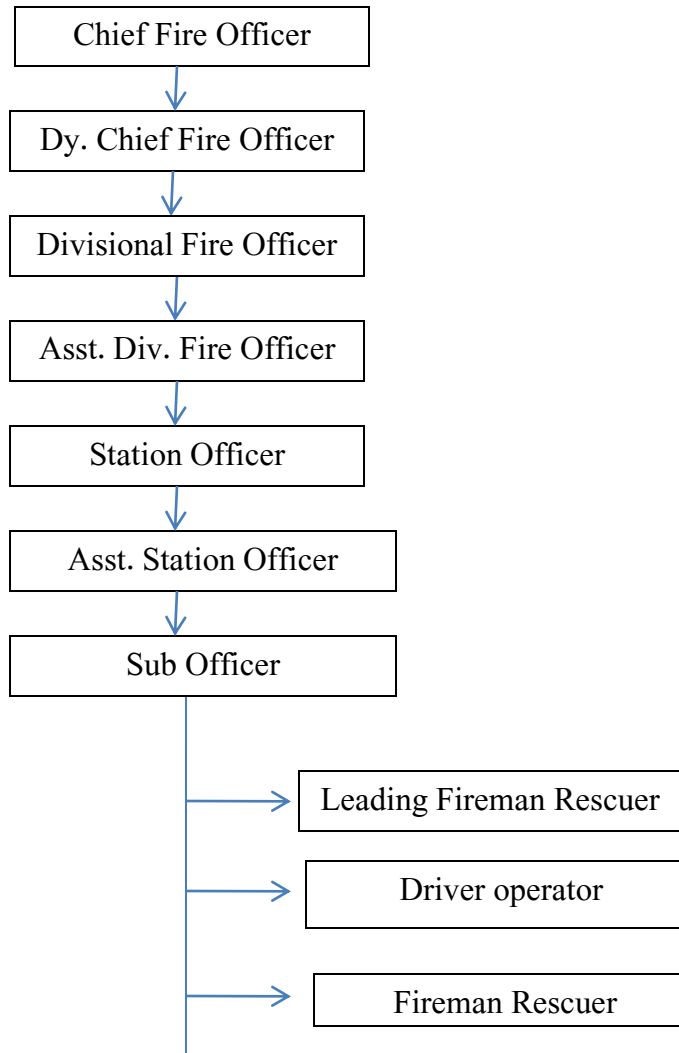
Project Name	Location / Place	Total Area
Ambazari Fire Station	Kh. No. 48 (part), 48(1), 48(2), 48(3), 48(4), 48(5),	4000 Sq. Mtr.
Zingabai Takli Fire Station	Kh. No. 243, 244, 246	2028.60 Sq. mtr
Parsodi Fire Station	Kh. No. 124/4, 128/2, 129/2	0.90 R

Staff Position

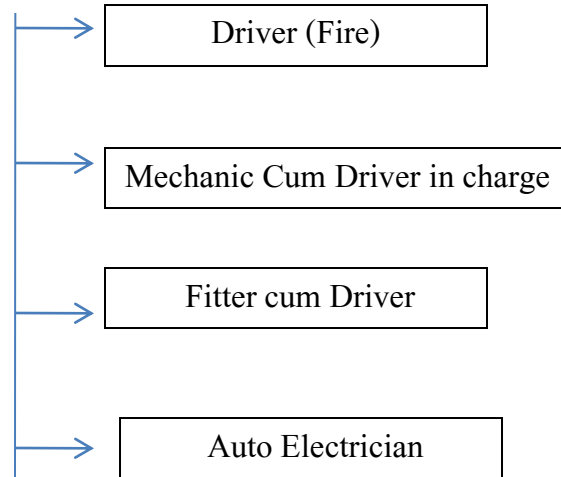
Sr. No.	Name of Post	Sanction Post for 13 Station	9 Fire Station	Working Post for 9 Fire Station	Vacant
1	Chief Fire Officer	01	01	00	01
2	Deputy Chief Fire Officer	01	01	00	01
3	Divisional Fire Officer	02	02	02	00
4	Asst. Divisional Fire Officer	04	03	00	03
5	Station Officer (1 for training center & 1 for disaster)	15	11	01	10
6	Asst. Station Officer	39	30	01	29
7	Sub Officer	39	30	13	17

Sr. No.	Name of Post	Sanction Post for 13 Station	9 Fire Station	Working	vacant
8	Leading Fireman Rescuer	81	56	21	35
9	Driver Operator	162	112	60	52
10	Driver (Fire)	10	07	00	07
11	Fireman Rescuer	500	346	41 (+ 77)	228
12	Mechanic cum Driver In charge	01	01	01	00
13	Fitter cum Driver	15	10	05	05
14	Auto Electrician	02	01	00	01
15	Contractual Fireman Rescuer	00	00	77	00
	Total	872	611	222	389

**NAGPUR MUNICIPAL CORPORATION,
Fire & Emergency Services
Organisation Chart**



**NAGPUR MUNICIPAL CORPORATION,
Fire & Emergency Services
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NAGPUR MUNICIPAL CORPORATION, Fire & Emergency Services Process Flow Chart at any Incident

Call from citizen to Fire Control Room
Running caller /Telephonically



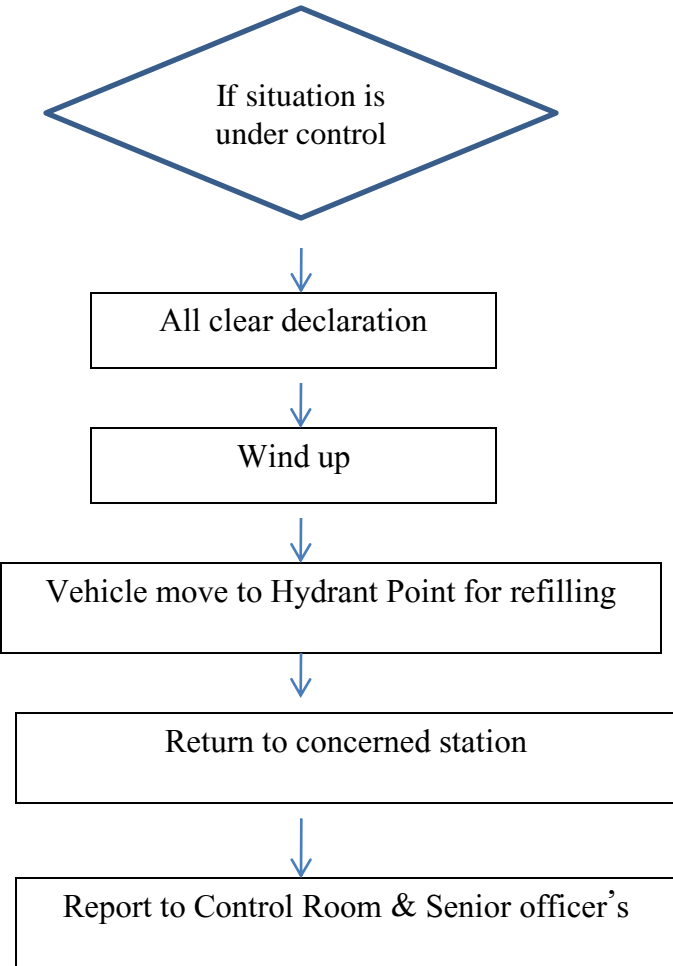
Record information by Fire control room and inform to concern
station control room and officer's



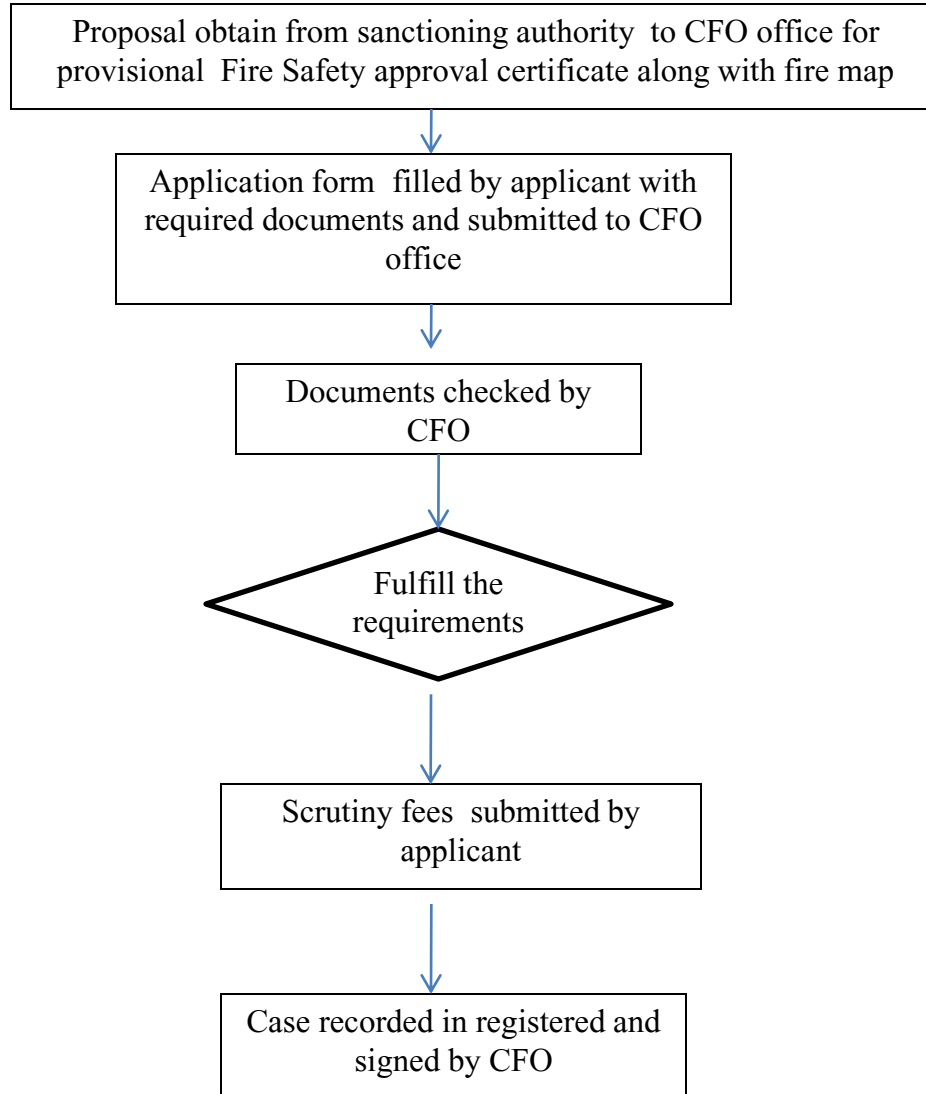
Turnout suitable vehicle to the place where the
fire emergency occurs

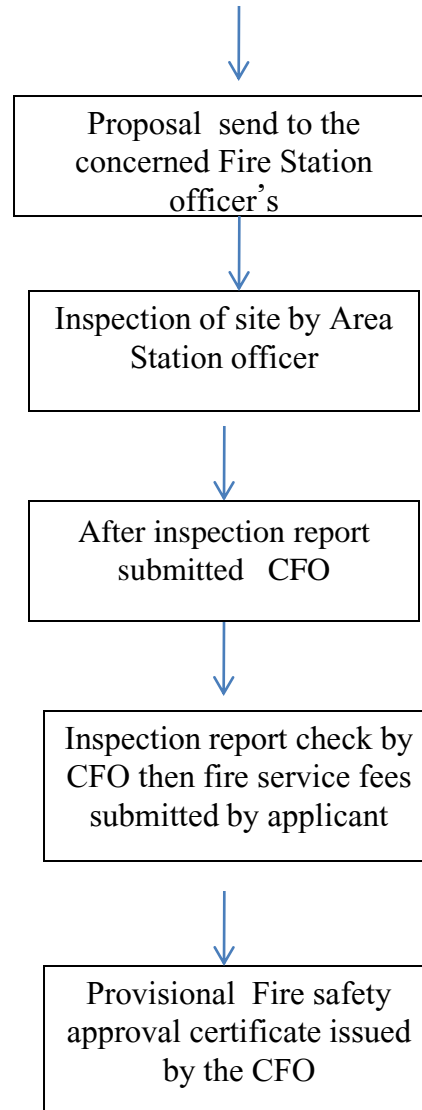


As per the situation inform to the Control Room for the
requirement of manpower, equipment, appliances and help
from other Government Organizations/departments

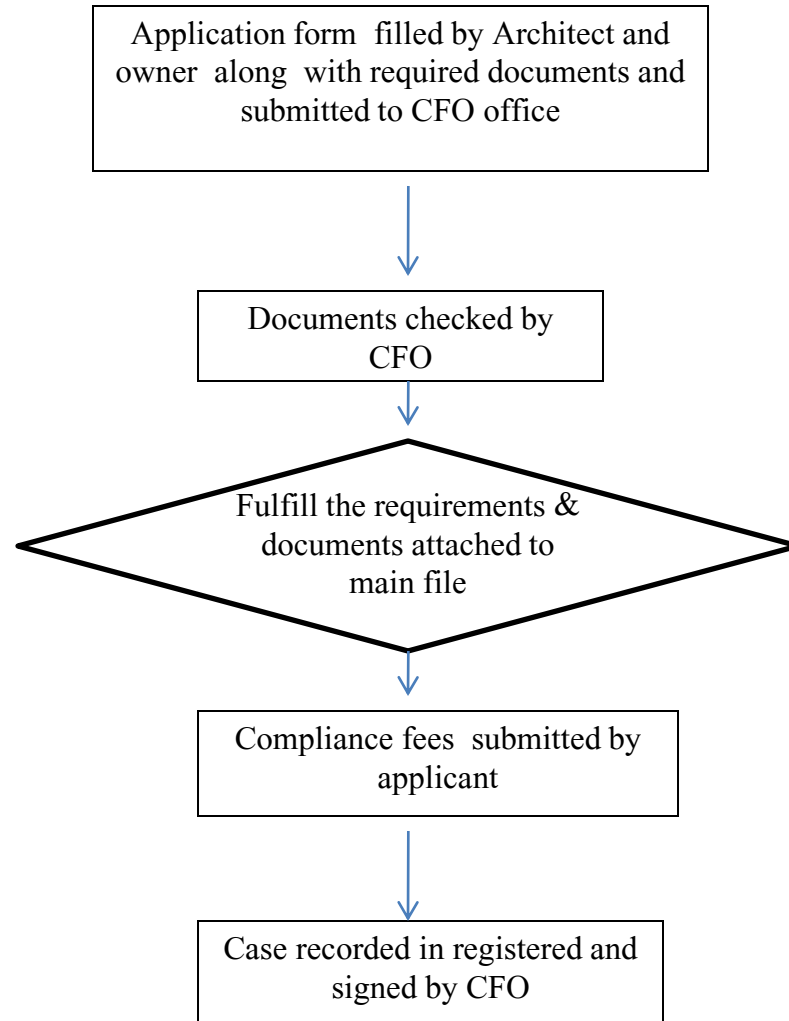


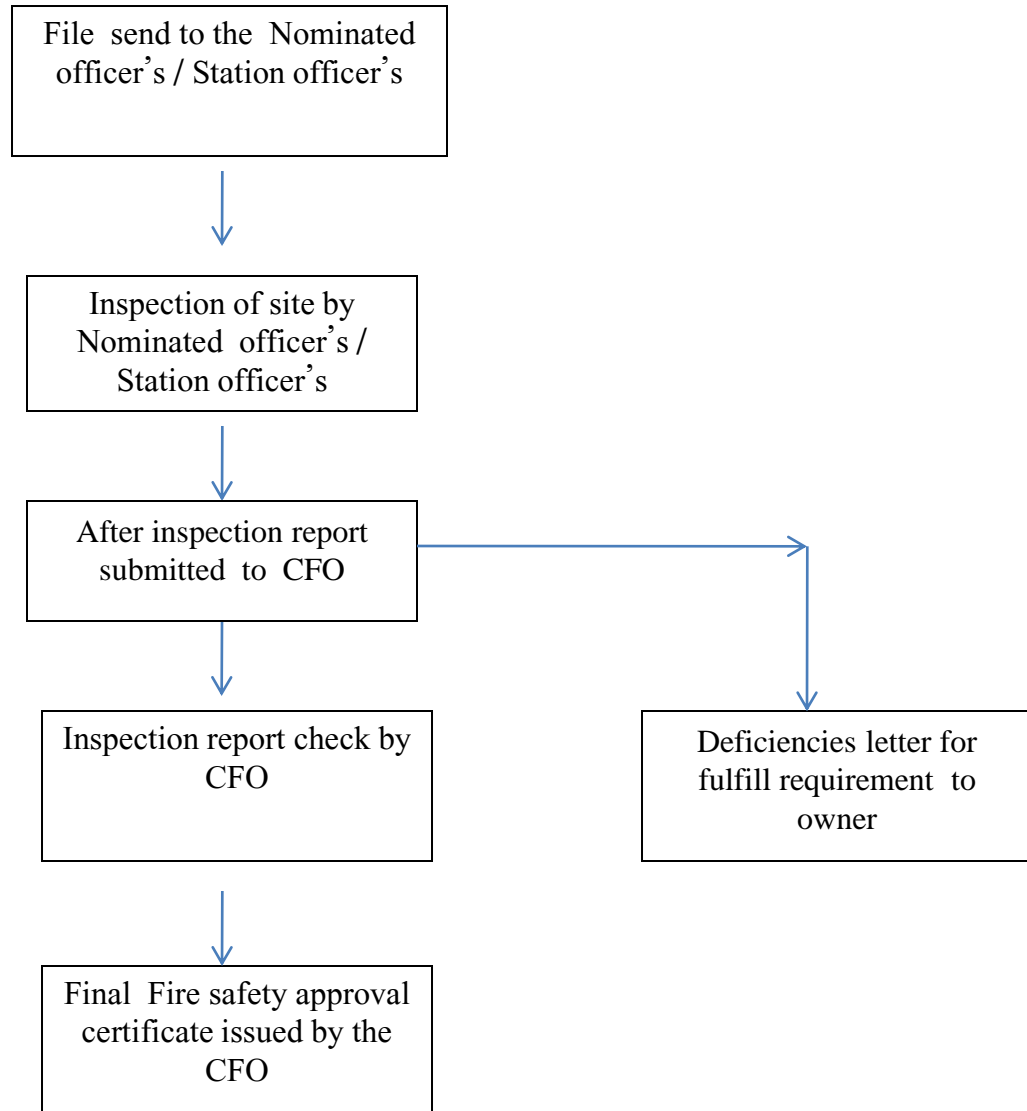
**NAGPUR MUNICIPAL CORPORATION,
Fire & Emergency Services
Process Flow Chart
For issue Fire Safety Recommendations**





**NAGPUR MUNICIPAL CORPORATION,
Fire & Emergency Services
Process Flow Chart
For issue Final Fire Safety Approval Certificate**





Vehicles Position

• Fire Tender (Various type)	21 Nos
• Turn Table Ladder (42 mtr.)	01 No.
• Hydraulic Platform (32 mtr)	01 No
• Fire Fighting Motor Cycle	04 Nos
• Quick response vehicle	01 No
• Other Vehicles (Trop carrier, Jeeps & Motorcycle)	29 Nos

Total	57 Nos.

FIRE AND EMERGENCY CALLS IN NAGPUR CITY OF LAST 5 YEARS FIRE CALL

Sr. No	Years	Major Fires	Medium Fires	Small Fires	Total	Property Loss (Aprox.)	Property Saved (Aprox.)	Emergency Call	Injured		Life Loss	
									Female	Male	Female	Male
1	01/04/2018 to 31/03/2019	152	286	754	1192	343875885	1762677065	739	01	30	08	68
2	01/04/2019 to 31/03/2020	194	140	710	1094	916771900	985472540	737	05	12	12	55
3	01/04/2020 to 31/03/2021	111	151	513	775	148327306	2561941401	695	06	14	12	54
4	01/04/2021 to 31/03/2022	30	37	162	229	59116460	266255000	169	01	03	05	25
5	01/04/2022 to 31/03/2023	144	210	120	474	74223920	285352000	589	07	05	11	51

FIRE CALLS OUT OF NAGPUR CITY (LAST 5 YEARS FIRE CALL)

Sr. No.	Years	Fire Call	Property Loss (Approx Figure in corer)	Property Saved (Approx Figure in corer)
1	01/04/2018 to 31/03/2019	74	12.440	30.00
2	01/04/2019 to 31/03/2020	99	30.43	50.40
3	01/04/2020 to 31/03/2021	34	234.93	478.55
4	01/04/2021 to 31/03/2022	45	26.26	38.39
5	01/04/2022 to 31/03/2023	34	7.42	28.53

Awareness program conducted during last 5 years (Various occupancies)

Sr. No.	Year	Awareness Program Including Mock drill	No. of attendees
1	2018-19	132	31152
2	2019-20	108	14430
3	2020-21	10	350
4	2021-22	127	25627
5	2022-23	127	16891

**DETAILS OF ACTION TAKEN BY FIRE AND EMERGENCY DEPARTMENT ON VARIOUS BUILDINGS
HAVING FIRE APPROVAL UNDER THE FIRE ACT**

Sr. No.	Type of Building	First NOC	Under Construction Buildings	Final NOC's	Action Taken Under Section 6	Action Taken Under Section 8 (1)	Action Taken Under Section 8 (2)	Action Taken Under Section 8 (2)b	Action Taken Under Section 8 (3)	Action Taken Under Section 36	Complied Notice Under Section 6	Building not yet inspected
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Residential Building	1496	317	394	313	245	151	71	7	08	38	478
2	Educational Buildings	367	58	70	123	83	48	8	0	0	43	121
3	Hospital Buildings	495	74	87	181	119	35	2	0	0	40	156
4	Assembly Buildings	854	69	55	362	234	152	10	2	7	193	354
5	Business Buildings	240	41	48	36	32	19	2	0	1	14	121
6	Mercantile Buildings	510	72	88	165	134	88	13	2	23	34	191
7	Industrial Buildings	665	42	67	339	231	201	48	60	63	27	234
8	Storage Buildings	35	2	3	11	6	2	0	0	0	3	5
9	Hazards Buildings	381	31	21	93	31	3	0	0	3	11	233
10	Mix Occupancy	299	37	31	150	112	73	4	1	10	76	87
11	Residential Hotels & Hostel	253	29	39	70	50	27	0	0	7	100	94
	Total	5595	772	903	1843	1277	799	158	72	122	579	2074

**DETAILS OF ACTION TAKEN BY FIRE AND EMERGENCY DEPARTMENT ON VARIOUS BUILDINGS
WITHOUT FIRE APPROVAL UNDER THE FIRE ACT**

Sr. No.	Type of Building	Action Taken Under Section 6	Action Taken Under Section 8 (1)	Action Taken Under Section 8 (2)	Action Taken Under Section 8 (2)b	Action Taken Under Section 8 (3)	Action Taken Under Section 36	Complied Notice Under Section 6
1	2	3	4	5	6	7	8	9
1	Residential Buildings	124	85	18	43	62	8	11
2	Educational Buildings	295	111	93	22	62	56	38
3	Hospital Building	89	59	59	12	1	11	27
4	Assembly Building	265	140	72	2	0	05	22
5	Business Building	11	7	11	3	0	2	3
6	Mercantile Buildings	142	76	64	11	1	12	33
7	Industrial Buildings	224	170	160	8	7	9	4
8	Storage Buildings	36	20	28	2	0	02	00
9	Hazards Buildings	52	13	0	0	0	00	00
10	Mix Occupancy	132	71	53	2	0	2	00
11	Residential Hotels & Hostel	36	17	17	2	01	2	4
	Total	1406	769	575	107	134	109	142

Inspection Of Government Buildings

- 140 Nos. of Existing Government Buildings Fire Audit conducted by Fire Department and Recommendation Issued.

Strengthening of Fire Service

- Proposal of purchase of 3 Number Fire Tender is through and vehicle is expected to be commissioned in the month of September 2023
- Proposal of Erection of Hydrant at 116 different location throughout city sent to water works Department.
- After the implementation of Fire protection & life safety measures act 2006 & amendment 2023 in the city the proposals for High-rise buildings above 70 meters, Hydraulic Platform of 70 Meters Department already Published E-Tender.

Keynotes of Fire & Emergency Service

- Aakruti bandh sanctioned by State Government on date 03/05/2016.
- New Recruitment Fire Rules sanctioned by State Government on date 15/12/2017.

Allocation of Funds in Annual budgets

Amount In Lacs

Year	Demanded	Allocated	Utilized	Revenue of Fire Dept.
2018-19	7698	3304	1358.69	270
2019-20	8324	3700	1071.87	244
2020-21	12620.57	4145.00	589.37	117.33
2021-22	11449	1790	48.65	53.55
2022-23	13004	5420	142.74	28.4

Establishment Expenditure 2023-24

(Figures in Lacs)

Sr. No.	Project	Budget Head	Budget Required 2023-24	Budget Allocation 2023-24	Actual Expenditure upto June 2023	Remark as per Budget Required
1	Establishment Expenditure	A22600310003	1200.00	1200.00	266.00	148 employee are working in the department. Expected salary expense Rs. 1200.00 Lacs Vacant Post are 466 for 9 Fire Stations.
	Total Amount		1200.00	1200.00	266.00	

Details of Income of the Department From 01.04.2018 to 31.03.2023 (in lakh)

Year	Fire Fighting & Standby duty charges B.I No. A12600340804	Scrutiny. Compliance Certificate Fire Fitness Certificate & Others B. I. No. A12600340803	NOC for High rise and Special Buildings B. I. No. A12600321704	Total	Target of Fire Income
2018 – 2019	11.79	105.92	152.26	269.97	198
2019 – 2020	13.48	87.76	184.28	285.52	241
2020-2021	2.7	40.32	74.33	117.33	310
2021-2022	5.59	19.90	28.06	53.55	205
2022-2023	6.28	90.61	214.60	311.49	190

NMC DISASTER MANAGEMENT PLAN

Hazard, Vulnerability, Capacity Analysis (HVCA)

According to the Vulnerability Atlas of India, Nagpur city lies in **Low Damage Risk Zone II**. It may experience damage of Frightening or less. The vulnerability of an area is defined by the ability to anticipate, cope with, resist and capacity to recover from any probable disaster.

Hazard	Characteristics	Who /What at risk	Probability of Occurrence (Rating)	Vulnerability (Rating)	Ranking (probability x ranking)
Flood	<ul style="list-style-type: none"> • There are two river, Nag & Pilli in Nagpur which flows from west to east • Small nalla meet these rivers at few locations 	Plots adjoining the nalla and Transport	Occasional (2)	Low (1)	2
Fire	<ul style="list-style-type: none"> • Major fire incidents is not reported in recent times. • Petroleum/LPG leak at HPCL petrol pump near wadi 	Human life and Property	Rare (1)	Medium (2)	2
Drought	The area is not prone to drought	Drinking water, Livelihood	Rare (1)	Low (1)	1

Cont'd

NMC DISASTER MANAGEMENT PLAN

Hazard, Vulnerability, Capacity Analysis (HVCA)

Hazard	Characteristics	Who /What at risk	Probability of Occurrence (Rating)	Vulnerability (Rating)	Ranking (probability x ranking)
Earthquake	<ul style="list-style-type: none">• Nagpur lies in Earthquake zone II (IS 1893-2002 Part 1)• No Earthquake is reported in 160km vicinity of the area.	Human Life & Property	Rare (1)	Low (1)	1
CBRN- Chemical/ Biological/ Radiological & Nuclear	Though the occurrence of Chemical, Biological, Radiological and Nuclear disaster is very low in the area but the probability of damages is very high in case of such disasters as the area will be populated in future.	Human Life & Property	Rare (1)	Medium (2)	2
Cold Wave/ Heat Wave/ Storm/ Hail Storm/ Cloud Burst	These are seasonal hazards largely affecting the low lying and exposed areas.	Human Life & Property	Rare (1)	Low (1)	1

We Serve to Save

Thank You