

Stay Ahead of Fire Hazards with IoT Intelligence

Engineered in accordance with the latest amendments to the Maharashtra Fire Act, keeping safety and compliance at the core



- Interactive dashboard for holistic system monitoring
- Cross-functional monitoring of systems to ensure 100% up-time

- Real-time data with detailed reports and analysis of every component
- Multi level access to users with SMS and email notifications for critical alerts

022 3946 4343

WWW.ELIXIRENGG.COM

100%
Compliant
with
Maharashtra
Fire Act.

Sr. No.	Monitoring of Critical Fire & Life Safety Parameters	Mode of Integration	Covered by VACCIFIRE
1	Main Hydrant Pump run status	Water Differential Pressure Switch	✓
2	Main Sprinkler Pump run status	Water Differential Pressure Switch	✓
3	Standby Diesel / Electrical Pump run status	Water Differential Pressure Switch	✓
4	Jockey Pump status	Water Differential Pressure Switch	✓
5	Booster Pump run status	Water Differential Pressure Switch	✓
6	Diesel tank low level Monitoring	Level Sensor	✓
7	Power to Main Hydrant Pump	Voltage Sensor at Motor Control Centre (MCC)	✓
8	Hydrant Riser Low Pressure Monitoring	Pressure Switch/Transmitter	✓
9	Power to Main Sprinkler Pump	Voltage Sensor at MCC	✓
10	Sprinkler Riser Low Pressure Monitoring less than 5 Bar	Pressure Switch/Transmitter	✓
11	UG / AG Fire Tank Low Level Monitoring System	Ultrasonic water level device	✓
12	Overhead Tank Low Level Monitoring System	Ultrasonic water level device	✓
13	Detection Operation Status	Potential Free contact from fire panel	✓
14	Control Panel / Repeater Panel Status	Potential Free contact from fire panel	✓
15	Battery of Control Panel Status	Potential Free contact from fire panel	✓
16	Manual Call Points Operation Status	Potential Free contact from fire panel	✓
17	Public Address (PA) System Status	Fault Status for PA panel	✓
18	Staircase Pressurization Fan Run Status for all Exits	Air Differential Pressure Switch	✓
19	Lift Lobby/Hoistway Pressurization Fan Run Status	Air Differential Pressure Switch	✓
20	Basement Supply and Exhaust Fan Run Status for Ventilation/Exhaust System	Air Differential Pressure Switch	✓

The latest amendment to the Maharashtra Fire Prevention and Life Safety Measures Act, 2006, requires that fire systems in particular premises must be monitored through an Automated Continuous Monitoring System. The system utilises IoT devices to capture real-time data from the entire firefighting system.