TAPASYA
TECHNOVATION

THE FUTURE OF FIRE FIGHTING

IoT &
SMART FIRE FIGHTING SYSTEMS MONITORING

Read more

Maharashtra Fire Prevention & Life Safety Measure Act 2006
Maharashtra Government 2025

The fire and life safety framework in Maharashtra has taken a major leap forward with the implementation of the latest amendments under the **Maharashtra Fire Prevention & Life Safety Measures Act 2006(See Rule 4(3))**.

As per the Fire Safety **Act 2006 (Mah. III of 2007) Appendix (Rule 4(3)):** An **Automated Continuous Monitoring System (ACMS)** based on **Internet of Things (IoT)** is now mandatory for fire-fighting systems in buildings or part thereof, as specified under **Section 45** of the Act.

In this newsletter you will find:

Latest IoT-based Automated Continuous Monitoring System (ACMS), and more. Keep Reading!

What is Mandatory Now?

KEY HIGHLIGHTS UNDER THE AMENDMENT RULES:

- Introduction of implementation of automated continuous monitoring system for fire-fighting system in a building or part thereof.
- Applicable for both Active and passive measures.
- The fire and life safety measures to be complied in accordance with the National Building Code (NBC)and Indian Standard Code (ISC) to get compliance certificate.
- Maintained fire prevention and life safety systems provided in buildings good repair and efficient working condition.
- The certificates issued by the Licensed Agency be submitted by owner or occupier in person or sent by registered post or through courier agency or online to Chief Fire Officer or Director.
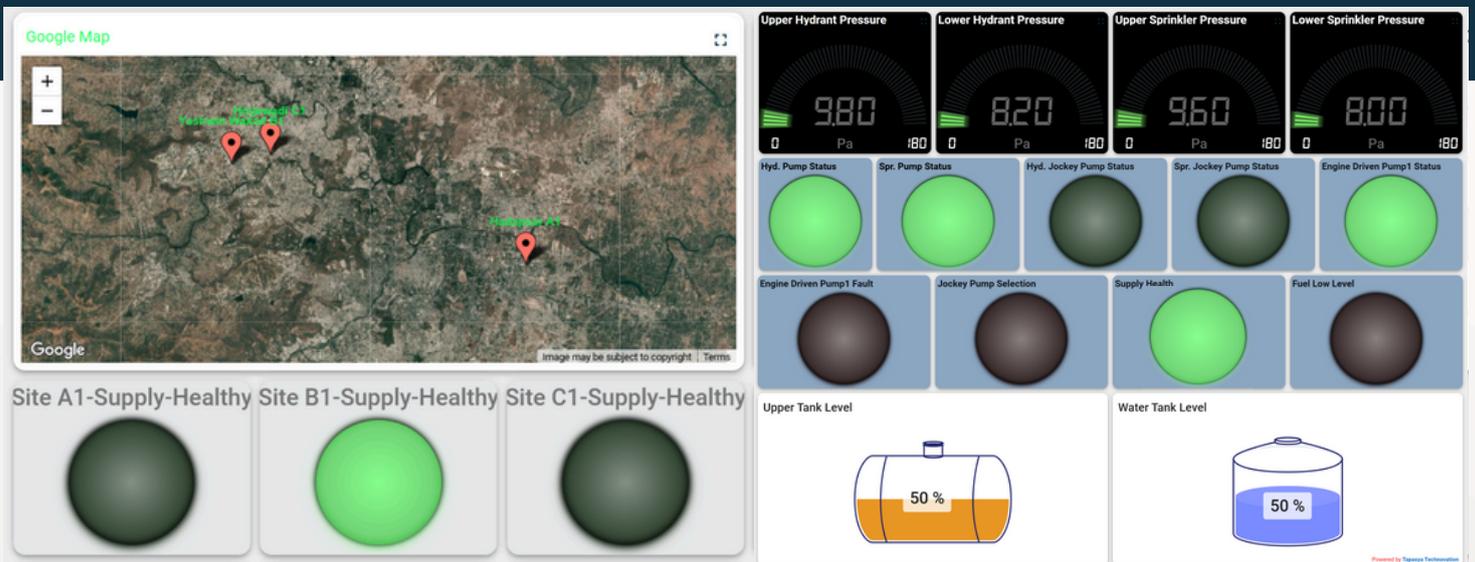
Applicable Legal Framework

- Maharashtra Fire Prevention & Life Safety Measures Act, 2006
- Amendment Act, 2009
- Amendment Rules, 2025
- Rule 4(3) – ACMS Compliance Requirement

How Tapasya Technovation Helps!

Industrial Automation & IoT Solution Provider

Tapasya Technovation provides a **standardized yet customized IoT-based Fire Fighting System Monitoring Solution** designed to meet all major requirements of Fire Prevention and Life Safety Compliance of Maharashtra Government.

Our Solution Includes:

- Real-time monitoring of fire-fighting systems parameters.
- Centralized dashboard & alerts.
- Fire Compliance Ready Reporting.
- Control Panel / Repeater Panel status. (Opt.)
- Booster Pump run status, Main Pressure Monitoring, Booster Pump, Hydrant Pump Run Status, Main Sprinkler Pump Run Status.
- UG (Underground Fire Tank)/ AG (Above-Ground Fire Tank) Fire Tank Low Level Monitoring System.
- Staircase Pressurization Fan run status for all Exits. (Opt.)
- **Custom IoT solutions for:**
  - High-rise residential & commercial buildings,
  - Shopping malls,
  - Industrial facilities.
- **TT-IoT Features**:
  - Multi Protocol : TCP / HTTP / MQTTS – SSL Enabled.
  - All Parameters Remotely Configurable & OTA Upgrade.
  - Inbuilt Logger (8GB) & AI (0-10V, 4-20mA), DI, DO's Enabled.
  - 3TP (Custom), Azure, AWS IoT Platform Supported.

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