

Lokhandwala Developers Keep Dust Under Control with Oizom AQBot Real-Time Monitoring System

About the Client

Lokhandwala Developers is a renowned name in the construction industry, and it is known for its commitment to quality and innovation. They have always been at the forefront of adopting technologies that enhance environmental sustainability and compliance with regulatory standards.



The Challenge

In the construction industry, managing dust Pollution is a significant challenge for environmental compliance and public health and safety. The Bombay Municipal Corporation (BMC) has set strict guidelines for dust management, requiring real-time monitoring and control. Lokhandwala Developers needed a solution that was accurate, reliable, and robust enough to withstand various climatic conditions without requiring constant human intervention. They also needed a device to get timely and reliable data, which was crucial for demonstrating compliance and taking corrective actions.

The Solution

Oizom, with its proven track record of delivering high-quality and accurate environmental monitoring systems, was chosen by Lokhandwala Developers to solve the issue of dust management. The solution offered was AQBot for dust monitoring with a web-based application. AQBot is a single-parameter monitor with real-time data display that allows industries to tailor their monitoring to just what's crucial for them. It has advanced software featuring important modules like automation, alerts, analytics, and a dashboard showing real-time widgets. These modules help you view data, conduct analysis, seamlessly integrate with existing systems, and generate comprehensive reports.

Installation Details

1 AQBot for PM Monitoring

The Result

Implementing Oizom's AQBot with relay automation features brought remarkable results. With regular monitoring, dust particles never crossed the regulatory limits, showcasing the system's effectiveness in real-time environmental monitoring and control. This helped Lokhandwala Developers adhere to BMC's stringent dust management guidelines and reinforced their commitment to environmental responsibility and public health safety.

Oizom's systems are known for their compact design, durability, and the ability to provide real-time dust monitoring data per government regulations. With the assistance of AQBot, construction companies like Lokhandwala Developers can effectively manage dust pollution, comply with regulations, and contribute to a cleaner and healthier environment. AQBot also has a siren and strobe light system for immediate attention to critical situations. This system activates in real-time upon exceeding user-defined thresholds, providing a multi-sensory alert alongside software notifications.

Oizom is a company specialising in environmental monitoring solutions. They offer products to monitor air quality, weather conditions, and other environmental factors. Utilising advanced sensor technology and data analytics, Oizom aims to provide actionable insights for construction, industrial compliance, and community awareness. Their solutions can be applied in various sectors including government, industries, and community initiatives.