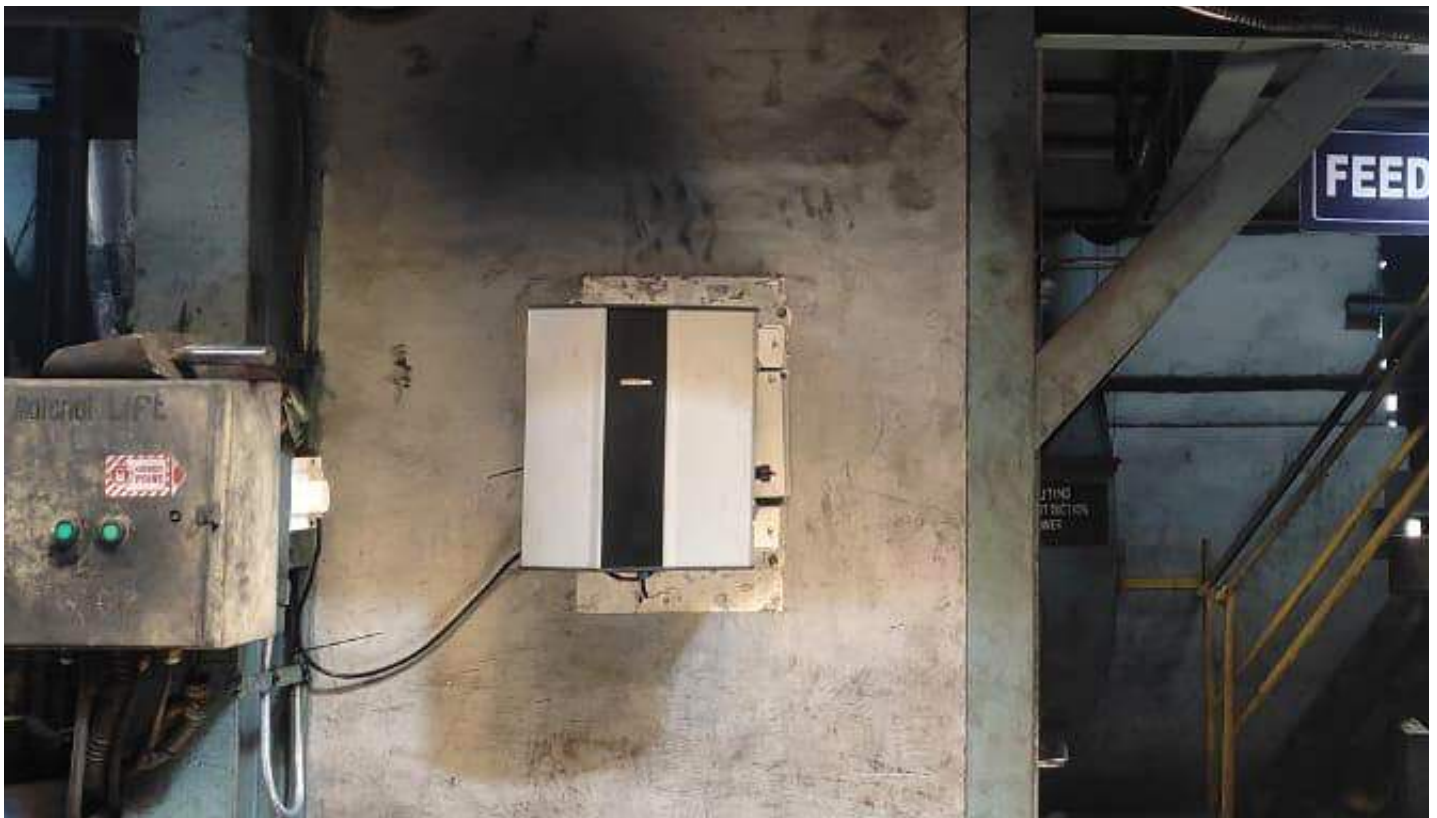


Süd-Chemie Ensuring Regulatory Compliance and Safety with Oizom's Dustroid Pro

Our Client

Süd-Chemie India Pvt. Ltd. is a well-established company founded in 1969. With over five decades of experience, the company specializes in producing catalysts, including both base metal and noble metal-based catalysts, various types of zeolites, and automotive catalytic converters. These products find applications in various industries, such as synthesis gas generation, fuel upgrading, industrial emission treatment, and air purification. Süd-Chemie is committed to providing tailored catalyst solutions to meet specific process requirements and ensure efficiency and environmental compliance.



The Challenge

As an industry leader in catalyst production, Süd-Chemie faced several environmental challenges that required a reliable air quality monitoring system. High dust levels posed health risks to employees, necessitating effective monitoring to ensure a safe work environment. The company needed to monitor and control dust emissions to comply with environmental regulations and standards. Continuous monitoring was required to identify dust levels that could indicate equipment malfunctions or process inefficiencies, impacting overall productivity. They sought a system that could seamlessly communicate data to displays and easily integrate with their existing SCADA.

The Solution

To monitor the air quality effectively and reduce emissions, our partner Sun Teknolozy offered them Oizom's MCERTS-certified device, Dustroid Pro. The Dustroid Pro is capable of monitoring particulate matter like PM1, PM2.5, PM10 & PM100 along with auxiliary parameters (temperature, humidity & pressure) in real-time and provides high data accuracy and cost-effectiveness. The device features a heated inlet that effectively removes moisture and humidity, ensuring accurate air quality monitoring in all weather conditions. The data can be seamlessly viewed on the Envizom platform, empowering authorities to visualize insights, make informed decisions, and proactively mitigate risks.



Installation Details

6 Units of
Dustroid Pro

The Result

Installation of Oizom's Dustroid Pro helped Süd-Chemie monitor and mitigate emissions effectively. It also seamlessly communicates data to displays and integrates with existing SCADA systems, enabling the company to monitor and manage data in real-time for regulatory compliance. Continuous dust level monitoring allowed the company to optimize production processes, maintain a safer working environment, reduce employee health risks, and enable timely interventions when necessary. The data visualization and analysis of data through Envizom software helped with the early detection of pollution, which can lead to potential equipment malfunctions, allowing for prompt maintenance and minimizing downtime.

“Oizom's technology has been a game-changer for our sustainability initiatives. The accurate and continuous monitoring has not only enhanced our workplace safety but also helped us optimize processes and reduce emissions effectively.”

Oizom is a company specializing in environmental monitoring solutions. They offer products to monitor air quality, weather conditions, and other environmental factors. Utilizing 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.