

India's prominent Paper Manufacturing company makes a safer, odor free workplace with the help of AQBot

SPB used Oizom's AQBot to detect H₂S leaks causing unpleasant odors and potential health risks. The AQBot provided real-time concentration data, integrated with the company's DCS, and automated alarms, ensuring a safer working environment. The AQBot improved workplace satisfaction and productivity, and SPB appreciated Oizom's solution.



Seshasayee Paper and Boards Limited
Fine Papers - Lasting Impressions

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India

AQBot

Our Client

Seshasayee Paper and Boards Limited (SPB) is a prominent Indian paper manufacturing company, established in 1960 and headquartered in Erode, Tamil Nadu. With a strong commitment to sustainability and environmental responsibility, SPB has made significant strides in the paper industry by focusing on producing high-quality writing, printing, and packaging paper. The company leverages innovative technology and processes to minimise its environmental footprint and optimise resource utilisation. Over the years, SPB has built an extensive distribution network catering to domestic and international markets. Its dedication to product excellence. Customer satisfaction has garnered SPB a reputable position in the paper industry, and it continues to be a driving force in the sector's ongoing evolution.

The Challenge

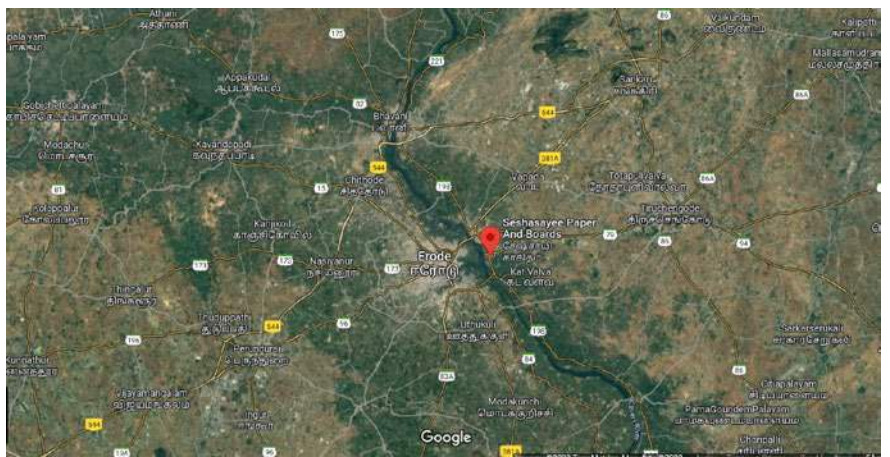
SPB faced two serious challenges:

- A hydrogen sulphide (H₂S) leak in the FRP evaporator led to an unpleasant odour, prompting internal complaints from employees and impacting workplace satisfaction and productivity.
- Measurements revealed a ten ppm H₂S concentration in the ambient area, necessitating improved monitoring and mitigation measures.

To address these concerns and prevent public grievances, SPB aimed to enhance workplace monitoring by efficiently detecting H₂S leaks and implementing appropriate countermeasures to minimise odour and potential health risks.

The Solution

SPB was searching for an odour detector with a display and relay output and found Oizom's products to be excellent candidates. Initially, they were drawn to the multi-parameter Oizom Odosense, but they were seeking a more precise and budget-friendly option. Our astute partner stepped in, assessed the situation, and suggested focusing on H₂S monitoring, the primary cause of the odour in their company. They recommended the single-parameter AQBot as a budget-friendly and effective solution for addressing their odour detection needs.



The Result

The AQBot was installed on the 4th floor FRP Evaporator area, near the H₂S leak source, providing real-time H₂S concentration data. This information was integrated with the company's Distributed Control System (DCS), allowing for automated alarms when H₂S levels increased. As a result, workers could evacuate the area and avoid exposure to hazardous gas, ensuring a safer working environment.