

Construction

Air Quality and Odour Monitoring Approach & Solutions

From Pre-Construction, Construction Site to Construction Project, we provide a comprehensive approach to air quality monitoring for different needs of construction work.

Pre-Construction Phase

Our **SM100i Olfactometers** can provide you a non-bias instant result of the odour level. Additionally, we also recommended using our portable analyzer **TR8+ Pollutracker** and **US20 Urban Scanner** with integrated noise sensor for chemical and noise analysis on site.

Construction Site

Our air monitors contain database that lists, by source, the amount of air pollutants discharged into the atmosphere during a specific time period which will assist you to complete emission inventory, including **Sludge Process Testing** and **Fugitive Emission Measurement**.

Construction Project

Customized your **AQmini with noise sensor and replaceable battery** to monitor pollutants that cause long-term health issue.



Sensitive Receptors

Track your sensitive receptors, and view the direct effects an emission source may have on them, down to the odour unit per second value!



Tracking Unknown Emission Sources

Using 'Event Triangulation', our SIMS3 platform can pinpoint the location of potential unknown sources. Determine the source of each complaint with this module!



Monitoring Device Perimeter

A typical construction site requires approximately 4-8 air quality monitoring devices strategically stationed around the facility perimeter based on collected data and project size.



Odour Event Processes

Several construction processes may be directly contributing to errant odours. Use SIMS3 to track the correlation between ambient air pollution and several processes.



Tracking Known Emission Sources

Several construction processes may be directly contributing to errant odours. Use SIMS3 to track the correlation between ambient air pollution and several processes.



Odour Complaints

Once odour complaints are filed, SIMS3 will collect them and present them in a visual, mappable format. SIMS3 will also analyze the contributor of the source that led to the complaint.



AI POWERED

SIMS3

Air Dispersion Modeling

Mathematical simulation of how air pollutants disperse in the ambient atmosphere and performed with a computer simulation of a pollutant dispersion model.



70 Innovator Avenue, unit 7
Stouffville, ON, L4A 0Y2



416-479-0078
1-888-988-IDES (4337)



info@scentroid.com
www.scentroid.com

SCENTROID
Future of Sensory Technology