OlfaMach

www.olfamach.com

WHAT WE DO?

We offer a range of indigenously built products and services to achieve continuous ambient air quality monitoring, to identify and forecast odours and to help develop robust odour control solutions.

Our instrumental odour monitoring system in accordance with the European norms (EN 13275) will help you to augment or replace the human sensory panel, thus, achieving automation of the entire odour measurement process.

Through our products and services, we intend to generate maximum value to our esteemed Clients by assisting them to:

1. Control and reduce emissions and odour
2. Manage and reduce the risk of odour impact
3. Achieve process optimization
4. Achieve compliance to Regulatory, Environmental and Social requirements

SECTORS WE SERVE

SMART CITY AIR QUALITY MONITORING SOLUTIONS

MUNICIPAL SOLID WASTE (MSW)

OIL & GAS

PULP & PAPER

FRAGRANCES, AROMAS & PERFUMES

FOOD PROCESSING & FMCG

WHO ARE WE ?

OlfaMach is a technology consultant that provides highly customised innovative solutions to the air quality monitoring and odour specific needs of your organization.

We leverage our patented " Made in India " technologies and evolving algorithms to achieve real time ambient air quality monitoring and odour detection, measurement, monitoring and facilitate odour management studies.

" Our aim is to create awareness, automate and pioneer the odour landscape of the country. "

PRODUCTS

·PARTICULATE MATTER MEASURING UNIT:
Useful for measuring PM 1, PM 2.5, PM 4 and PM 10

·OGEMS (INDUSTRIAL):
Useful for accurate and real-time measurement of industrial gaseous emissions such as NOx, SOx, H2S, CO... etc

·URBAN AIR QUALITY MONITORING SYSTEM:
Continuously monitors various air quality parameters such as ozone, PM, NOx, SOx, temperature, humidity, noise etc.

·LEAK DETECTION (WIRELESS SENSOR NETWORK / DRONE):
Sensor arrays deployed on site to measure specific gases and to generate alarms

·INDOOR AIR QUALITY MONITORING SYSTEM:
Used to measure overall indoor air quality for designing proper ventilation systems

·GAS SPECIFIC ANALYSER:
Standalone analysers for various hazardous gases

SPECIALITY PRODUCTS

UNIVERSAL INSTRUMENTAL ODOUR MONITORING SYSTEM (Ou/m³)

Our patented Instrumental odour monitoring system developed in accordance with European odour monitoring norms, provides measurement of odour concentration (Ou/m³) and odour intensity without the requirement of human panel.

CUSTOMISABLE ELECTRONIC NOSE

Customised electronic NOSE designed specifically as per customer requirements, further providing process and cost optimization.

SERVICES

DATA ANALYSIS

a) Environmental / Industrial Data Analysis
We provide in depth analysis of data arising from various air quality monitoring instruments and process optimization of industrial data using machine learning algorithms.

b) Medical Data Analysis
We use machine learning algorithms to extract and analyze data arising out of medical labs as well as various IoT systems in medical centers, pathology labs, hospital etc. for better management and assist to doctors and researchers.

ODOUR CONSULTANCY

We offer a range of services to identify and analyse environmental odours, including odour impact assessments, odour analysis, odour emission testing and odour abatement advice. Additionally, we also provide resolutions for other environmental problems specifically faced by your industries.