

HSE MEASURES

HEALTH SAFETY ENVIRONMENT

- Emissions and Deposition Measurements Atmospheric
- Workstation Measurements
- Noise Measurements
- Measurements of aqueous discharges
- Turnkey services

www.manumasure.com

MANUMESURE

The HSE (Health, Safety, Environment) Measurement Specialist

MANUMESURE offers its expertise in quantifying the environmental impact of industries.

Managing environmental impacts has become a strategic priority for manufacturers seeking to reduce their ecological footprint and their consumption of energy and raw materials, as well as to improve their competitiveness.

For nearly 25 years, **MANUMESURE** has been developing its expertise in environmental measurements in the areas of air, noise, and water quality monitoring, as well as workplace monitoring.

THE + MANUMESURE



NEARBY

12 technical centers provide a variety of services throughout France and internationally.



MOBILITY

MANUMESURE operates at all types of sites thanks to its fleet of mobile laboratories and its teams of technicians.



CUSTOMER SERVICE

The DNA of MANUMESURE, is that our customers' satisfaction is at the heart of everything we do every day.



ACCREDITATIONS & CERTIFICATIONS



Calibrations
N°2-7495
Essays
N°1-7496
Reference Materials
N°1-5650
List of sites and ranges
available on
www.cofrac.fr

MASE Certification
No.: N 2026-972

MASE
ÎLE-DE-FRANCE
NORMANDIE-CENTRE
Pont-l'Évêque - Reux
Technical Center
MANUMESURE

MASE Certification
No.: 2023-410

MASE
RHÔNE-ALPES
Lyon - Meyzieu
Technical Center
MANUMESURE

Environmental Air Measurements

Regulatory or unannounced inspections of atmospheric emissions

- Measurements of flue gas flow rate, temperature, and humidity
- Continuous measurements: O_2 , CO_2 , CO , SO_2 , NO_x , N_2O , COVT, CH_4
- Sampling by filtration and/or bubbling: dust, heavy metals, mercury, HCl, HF, SO_2 , NH_3 ,...
- Measurements of dioxins and furans (PCDD/PCDF), PCBs, PAHs
- Measurements of all specific molecules (aldehydes, alcohols, BTEX, amines, fibers...)
- PFAS (forever chemicals)



QAL2/AST

- Verification of Automatic Measurement Systems (AMS) installed on industrial stacks, in accordance with the QAL2 and AST

procedures. Monitoring of atmospheric fallout

- Measurement of diffuse emissions outdoors (property line or neighboring properties) using various sampling techniques (Owen sampler, deposition plates, passive tubes such as Radiello)

Odor monitoring

- On-site odor sampling (waste, incineration, anaerobic digestion, asphalt mixing plants, agri-food industry, etc.)

Approval from the
Ministry of Ecology,
of Sustainable
Development,
Transportation, and Housing.

Measurements at workstations

Monitoring of Occupational Exposure Limits (OELs)*

- Sampling and analysis on all types of media: filter holders, activated carbon tubes, CIP10...
- Accreditation for over 130 different substances



Ventilation and sanitation monitoring for premises with specific and non-specific pollution

According to the decree of October 8, 1987, regarding periodic inspections

*Regulatory VLEP measurements governed by the order of December 15, 2009, conducted directly on workers. Measurements may be conducted at a fixed workstation upon request.

Noise measurements at workstations

- Operator noise dosimetry
- Measurements of dB(A) and dB(C) (compared with the limit values defined in Article R4431-2 of the Labor Code)
- Verification that workers are properly protected by the Personal Hearing Protection (PICB) they are wearing: earmuffs, disposable earplugs, and custom-fit earplugs

Noise Mapping

- Noise mapping of work areas (production facilities, offices, noise disturbances near equipment, etc.)
- Mapping of ambient noise levels in the workplace and identification of the noisiest work areas

Environmental Noise Measurements

- Noise measurements at industrial sites as part of regulatory inspections or in response to neighborhood complaints (neighborhood noise – Decree of August 31, 2006).
- Measurements at property lines, in Regulated Noise Zones (Z.E.R.), during daytime hours (7 a.m.-10 p.m.) or even at night (10 p.m.-7 a.m.) depending on the circumstances and regulatory requirements.

Measurements of aqueous effluents

- Quality control of aqueous effluents (stormwater, wastewater, process water): pH, temperature, COD, BOD₅, suspended solids, PCBs, total hydrocarbons, AOX, total nitrogen, Kjeldahl nitrogen, heavy metals, phenol...

"Turnkey" Services



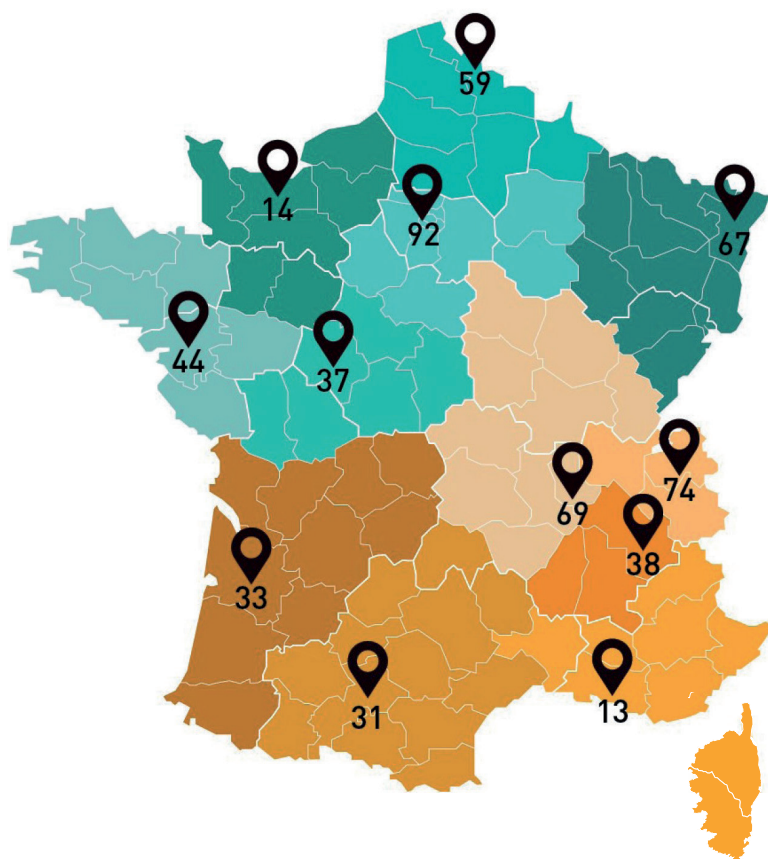
- Ensuring Regulatory & Standard Compliance
- Tracking of Planning and Intervention Deadlines
- Budget Control and Optimization
- Simplification of Your Planning Management
- Safety and security
- Guaranteed objectivity of results and impartiality
- Responsiveness
- Adaptability based on customer production

Manumesure offers regulatory inspections in the environmental field (air pollutant emissions, noise, etc.), as well as in the areas of occupational safety and risk prevention (OELs). The company also provides metrological verification, maintenance and management of fleets of measurement, control, and testing equipment in laboratories or at customer sites.

Metrological monitoring with M-Link, the computerized management software for your fleet of measuring instruments



The 12 technical centers **MANUMESURE**

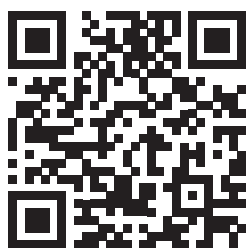


Northern region

- 44 – Nantes
- 14 – Pont L'évêque
- 37 – Tours
- 92 – Clichy
- 59 – Lille
- 67 - Strasbourg

Southern region

- 33 – Bordeaux
- 31 – Toulouse
- 69 – Lyon
- 13 – Marseille
- 38 – Grenoble
- 74 - Annecy



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