

COMPLIANCE & VALIDATION

ODORIZATION YOU CAN DEMONSTRATE



METHOD

Multi-point sampling

FRAMEWORK

MAV™

OUTPUT

Documented results

MEASURED PERFORMANCE. DEFENSIBLE RECORDS.

MRR samples gas across the system to measure delivered odorant concentration, identify conditions that put performance at risk, and document the result. Validation supports project close-out, troubleshooting, audit preparation, recurring programs, and odor-detectability assessments.

APPLICATIONS

Commissioning and conditioning close-out, odor complaints, audit support, recurring validation, risk assessment, and critical facilities.

HOW MRR DELIVERS

■ MEASURE ACROSS THE SYSTEM

Critical and far-end sample points show what the gas actually carries rather than relying on one reading.

■ IDENTIFY PERFORMANCE RISKS

Odor fade, contamination, configuration, and operating conditions are assessed before they escalate.

■ CLOSE WITH A RECORD

Results are organized in a clear validation report that supports turnover, investigation, planning, or review.

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HOW THE WORK IS ENGINEERED

Validation measures what the gas actually carries at representative points in the system. MRR combines a defined sampling plan, appropriate analytical methods, field interpretation, and a documented result that supports commissioning, troubleshooting, and audit readiness.

SERVICE METHOD

1

DEFINE THE SAMPLING PLAN

Select injection-area, intermediate, critical, and far-end points based on system geometry, operating conditions, historical performance, and the specific question the validation must answer.

2

MEASURE ODORANT PERFORMANCE

Collect representative samples and measure odorant concentration using OdorTracker instrumentation, stain tubes, gas chromatography, or other methods selected for the scope. Multiple points reveal performance that a single reading can miss.

3

DIAGNOSE THE SYSTEM

Evaluate concentration trends against injection conditions, pipe characteristics, equipment configuration, possible contamination, and fade risk. The same process can investigate odor complaints, failed readings, and difficult critical-facility conditions.

4

REPORT AND CLOSE OUT

Document measured data, field conditions, findings, and practical recommendations. MAV validation can close out pipeline conditioning and new-installation projects or support a recurring performance program.

TECHNICAL SCOPE

- MAV multi-point system validation
- Conditioning and installation close-out
- Odor complaint and failed-reading diagnosis
- Audit preparation and recurring programs
- Risk assessment and design review
- Critical-facility odor detectability

PROJECT DELIVERABLES

- Sampling and measurement plan
- Concentration data by location
- Performance and fade-risk findings
- Validation report
- Actionable recommendations

WHY THE METHOD MATTERS

A compliant injection setting is only the starting point. Multi-point measurement demonstrates whether detectable odorant remains available where the system actually delivers gas.