

Compliance & Validation

Odorization You Can Demonstrate.

Odorizing gas and proving the gas is odorized are two different problems. Injection rates can look correct on paper while odorant fades against pipe walls, degrades in storage, or falls below detectable levels at the far end of a system.

MRR provides the analytical side of odorization: sampling gas across your system to measure what it actually carries, identifying the conditions that put performance at risk, and issuing documentation that stands up to regulatory review. Validation closes out MRR conditioning and installation projects as standard, and is also run on its own when odor complaints need diagnosis, an audit is coming, or a system warrants a recurring program.

MAV™ Odorization Validation

MAV (MRR Analytical Validation) is MRR's proprietary framework for measuring what a system is actually delivering. Crews sample gas at multiple points across the system, including the points that matter most, and analyze odorant concentration to build a complete picture rather than a single reading.

Customer Value

- Multi-point gas sampling across the full system, not a single reading
- Identifies odor fade risk and contamination before they become complaints or violations
- Every validation closes with measured data and a certificate confirming the system meets specification

Project Close-Out, Troubleshooting & Audit Support

MAV closes out MRR pipeline conditioning and installation projects as standard, confirming odorization objectives were met before the system enters service. It's also run on its own: to diagnose odor complaints or failed readings, to prepare defensible records ahead of a regulatory audit, or as a recurring program tracking performance over time.

Customer Value

- Standard close-out validation for MRR conditioning and installation projects
- Troubleshooting for odor complaints and failed readings
- Defensible documentation ahead of federal, state, or provincial audits
- Available as a recurring program for ongoing performance tracking

Risk Assessment & Consulting

Some odorization problems are visible in the design before they ever appear in the gas. MRR reviews equipment configuration, operating conditions, pipeline characteristics, and historical performance to find the odorization challenges in a system, then provides practical guidance on what to change.

Customer Value

- Design reviews and performance assessments for industrial, commercial, and institutional systems
- Identifies odorization challenges before they surface as complaints or violations
- Practical, actionable guidance rather than a generic audit

Odor Detectability for Critical Facilities

Hospitals, campuses, high-rise buildings, and other complex facilities present a specific problem: gas may be properly odorized at the meter and still not be reliably detectable everywhere it travels inside the building. MRR assesses

detectability through complex building infrastructure and provides the technical guidance needed to keep gas detectable where people are.

Customer Value

- Detectability assessments through complex building and facility infrastructure
- Identifies the conditions that contribute to odor fade indoors
- Technical guidance built for hospitals, campuses, and high-rise properties

Why MRR

- Proprietary MAV™ framework, not a generic sampling checklist
- Certification you can hand directly to an auditor
- Closes out MRR's own conditioning and installation work as standard practice
- Consulting and critical-facility expertise on the same team that runs the validation

Find Out What Your System Is Actually Delivering

Whether you're preparing for an audit, troubleshooting odor complaints, or validating a critical facility, MRR can measure your odorization performance and certify the result.

Discuss Validation for Your System → Contact Us