

Pipeline Conditioning

Condition Smarter. Reimagined.

Services: Operations | Industries: Gas Utilities, Renewable Natural Gas

In order to deliver odorized gas to the public, utilities need to condition steel and plastic pipe to mitigate odor fade when the pipe enters service. After writing the initial rules of pipeline conditioning, MRR is reinventing the process again: one that delivers the same outcome in a fraction of the time, with zero emissions.

Shorter Projects. Lower OPEX.

Time on site is the primary cost driver in any conditioning project. MRR's conditioning process reduces the time required to condition a pipeline. The industry knows both static and online methods; MRR's process brings an alternative focused on reducing the overall cost of any conditioning project. Time saved by labor onsite, time saved to return a system to the public. Project duration varies by pipeline diameter, length, and pre-existing surface condition.

Zero Emissions as Standard

MRR's conditioning process operates as a closed-loop system: odorant is circulated under controlled conditions, and the loop is sealed throughout. There is no flaring, venting, or incineration at any stage. Emissions reporting for the conditioning scope is straightforward because there is nothing to report. For operators with ESG commitments, emissions reduction targets, or regulatory requirements around combustion and venting, MRR's process removes the environmental reporting from the conversation entirely.

Validated. Documented. Defensible.

Every MRR conditioning project is verified through MAV™, MRR's proprietary process validation framework. MAV™ provides documented confirmation of odorant contact time, recovery rates, and odor fade protection at project completion. It has been applied consistently across MRR's conditioning work and reflects the standard MRR has advocated for across the industry. When a project closes with MAV™ documentation, the operator has a record that holds up to any regulatory review or internal audit validating the pipe can be returned to service.

Developed by the Team That Defined the Discipline

MRR has been at the forefront of pipeline conditioning since the discipline was formalized. MRR's conditioning process represents the next evolution of that work: proprietary, field-validated, and built on decades of operational experience that no new entrant to the space can replicate. The engineers and field technicians who designed the process are the same people who execute it. There is no gap between the process as designed and the process as delivered. Every day a new pipeline waits is a day of schedule and budget at risk.

Contact MRR to scope your conditioning project.