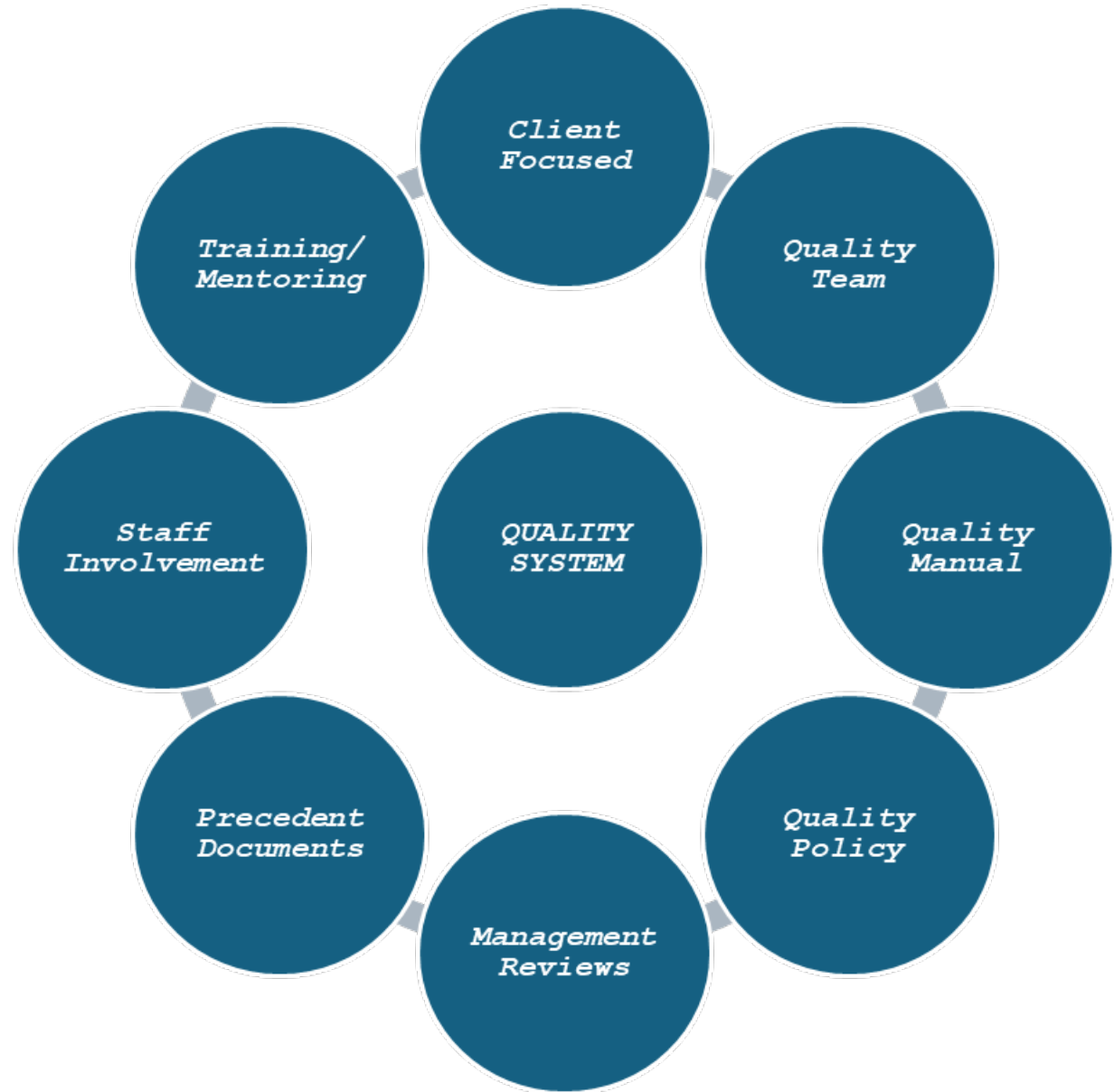


Quality Management Systems for Soil Gas Mitigation Professionals

ENSURING RELIABLE STANDARDS IN SOIL GAS MITIGATION PRACTICES

Quality Management Systems Overview





What is a QMS & Why It Matters

Definition of QMS

QMS is a formal framework of policies and procedures to ensure consistent high-quality results.

Universal Need for QMS

All radon mitigation professionals, solo or firms, require a QMS for quality and safety.

QMS Benefits

QMS protects customer safety and enhances business financial success as projects grow complex.

Consistency in Quality

QMS ensures quality work is done right consistently for every mitigation project.

Why It Matters



- A Quality Management System (QMS) is a formal framework of policies, processes, and procedures designed to ensure consistent, high-quality results in radon and vapor intrusion mitigation projects. It is universally needed by all radon mitigation professionals, whether they are solo operators or part of large firms.

Why It Matters



- A QMS might sound abstract, but it simply means having an organized, documented way to do quality work every time. Even a one-person mitigation business benefits—it protects clients' safety and the bottom line. In short, QMS is about doing the job right consistently, which is why everyone in the field needs one.

QMS Components and Structure

Core Components of a QMS

Standard Operating Procedures

Documented step-by-step procedures ensure tasks are done correctly and consistently every time.

Quality Control Tracking

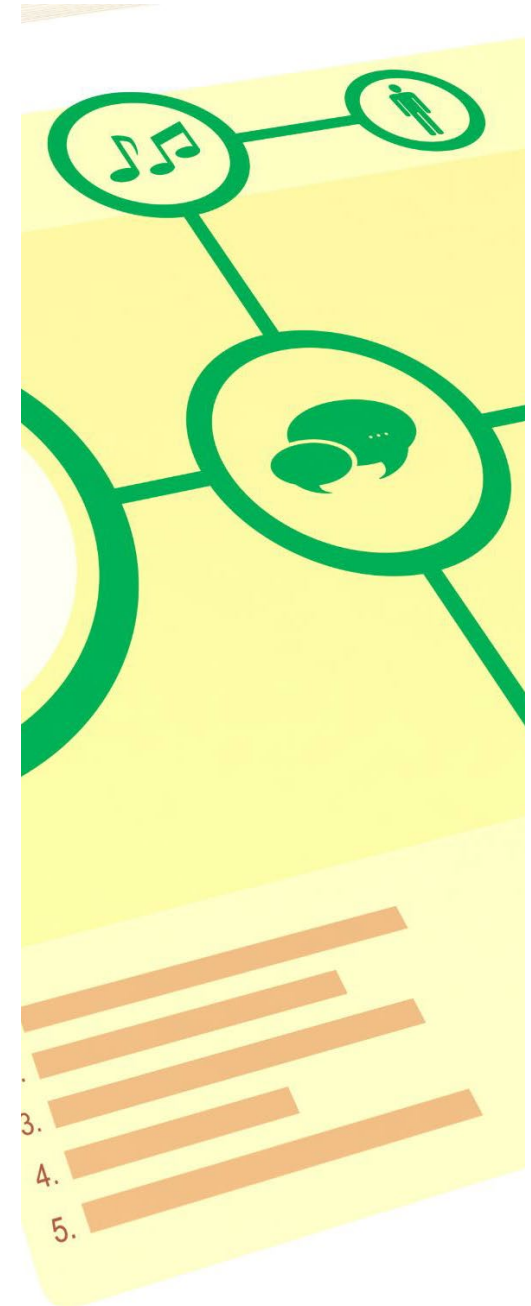
Ongoing monitoring checks ensure installations meet quality goals with corrective actions if needed.

Documentation and Records

Comprehensive records like logs and reports provide traceability and proof of standard compliance.

Defined Roles and Accountability

Clear responsibilities ensure each team member is accountable for specific quality tasks.



Regulatory and Industry Standards

Regulatory Drivers – ANSI/AARST, IEA, EPA, NRPP

ANSI/AARST Quality Standards

ANSI/AARST standards require a written quality assurance program for radon mitigation professionals.

EPA and State Mandates

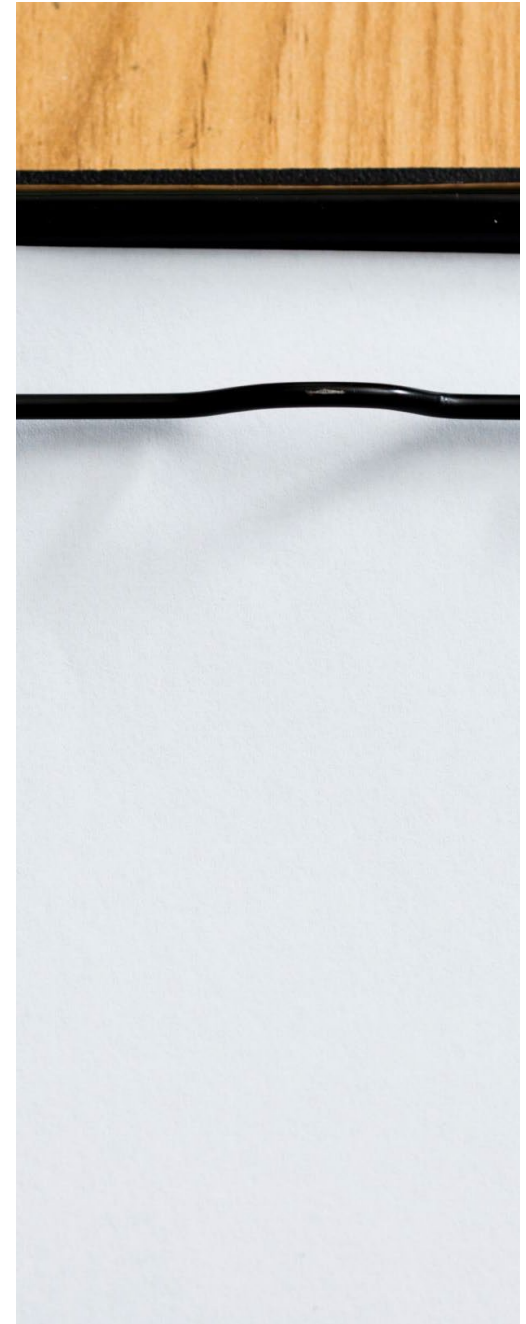
EPA guidance and many states mandate having a QA plan as a licensing condition.

Certification Alignment

Expects certified mitigators to follow formal QA/QC protocols and maintain quality systems.

IEA Ethical Standards

Promotes high ethics and rigorous quality assurance.





Practical Benefits – Consistency, Compliance, Defensibility

Achieving Consistency

Following SOPs and quality checks ensures uniform and reliable outcomes every time.

Ensuring Compliance

Integrating standards into the QMS guarantees projects meet industry regulations and reduce risks.

Enhancing Defensibility

Comprehensive documentation proves proper procedures were followed, protecting professionals legally.

Basic QMS Plan – What's Included



Quality Commitment

Quality Policy states a commitment to meet standards and protect health through mitigation systems.

Defined Quality Goals

Specific goals include reducing radon levels below 4.0 pCi/L with safety margins.

Standard Procedures

SOPs outline methods for diagnostics, installation, ventilation, testing, and safety practices.

Quality Control and Monitoring

QA/QC activities include post-installation measurements, system inspections, and client monitoring plans (OM&M)

Conclusion – Why Prioritize QMS Now



Compliance Readiness

Implementing a QMS now prepares professionals ahead of any upcoming regulatory deadlines.

Risk Reduction

A QMS prevents errors and safety oversights, protecting clients and reducing liability.

Building Credibility

Formal QMS enhances professionalism and builds trust with clients and regulators.

Call to Action

Starting with basic checklists and SOPs today leads to better outcomes tomorrow.