

RC14001[®] and RCMS[®] are management system specifications based on the internationally recognized Responsible Care[®] guiding principles to manage chemicals by respecting the public, employees and the environment through improved environmental, health & safety and security (EHS&S) performance. RC14001 has the added advantage of being equivalent to ISO 14001. Both are founded on the principles of continual improvement and when implemented, they can control, improve and communicate EHS&S performance by reinforcing existing practices and identifying, implementing and maintaining new ones so that responsibilities, training, communications, compliance, procedures, maintenance and reporting are aligned to ensure that significant or potentially significant EHS & S impacts or hazards are properly managed.

RC14001 and RCMS are particularly relevant for the chemical industry because of the American Chemistry Council's commitment to certification and the industry's high public profile in the area of environmental, health & safety and security performance.

Application of RC[®]

Policy

Planning

Implementation

Checking and
Performance Measurement

Management Review

EHS & S Aspects and Hazards

- Chemical release from handling, storage, processing and supplier activities
- Process effluent and waste streams
- Energy and resource usage
- Workplace hazards such as mobile equipment, live energy, confined spaces, heights, etc.
- Emergency and terrorist events
- Historical contamination

Legal and Other Requirements

- Chemical release – e.g. CERCLA
- Hazardous waste – e.g. RCRA
- Air emissions – e.g. Title V
- Effluent – e.g. NPDES/POTW permit
- OHS – e.g. CFR 1910
- Emergencies & Security – e.g. SVA, SARA

Objectives, Targets and Programs

- Chemical substitution programs
- Energy efficiency projects
- Installation of engineering controls to reduce incidents
- Improved contractor and supplier oversight
- Enhanced critical safety PM program

Operational Control

- Operations – chemical and waste handling, effluent treatment, incineration
- Purchasing, Contractor Management, Maintenance
- Management of Change
- LOTO, Confined Space, Fall Protection, Mobile Equipment, Lifting Devices, Indoor Air Quality

Monitoring and Measurement

- Operations – inspections, instrumentation, sampling
- Administration – metrics, reports, communications

QMI and Responsible Care

QMI's customer satisfaction rate for all customer touchpoints is an astounding 97.5% reflecting our ability to provide our services in a fair and value-added manner to ACC members and partners domestically and internationally.

Benefits of Certification

Discipline
Visibility
Membership

Credibility
Improvement Opportunities
Efficiencies

Assurance

