

Protecting People and Communities Through Responsible Care®

In 2025, CIAC member companies continued to strengthen safety performance through Responsible Care. By measuring performance and sharing best practices, member companies drive continuous improvement, creating safer workplaces, stronger communities and a more sustainable chemistry industry in Canada. Independent third party audits or verifications and transparent reporting ensure that this progress is measured, demonstrated and shared.



Measuring Continuous Improvement

Responsible Care ensures member companies measure performance, learn from experience and strive for continuous improvement. Comparing industry performance between 2017 and 2025 demonstrates how these efforts are contributing to safer workplaces and stronger process safety across the membership.



25%

Reduction in Employee Injury Rate



59%

Reduction in Contractor Injury Rate



68%

Reduction in Major Process Safety Events*

*Major process safety events are the most significant unplanned releases of hazardous materials or energy. Reducing these events protects employees, communities and the environment.



12

CIAC member companies independently audited or verified in 2025

Independent Accountability Builds Trust

Responsible Care is more than a commitment – member companies are independently audited or verified. Third-party certification audits or verifications confirm companies are meeting Responsible Care expectations while supporting continuous improvement in their performance.

*As of December 31, 2025, CIAC retired its verification option for meeting Responsible Care certification requirements.

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Verification – CIAC
Chemistry Industry Association of Canada



**CHEMISTRY INDUSTRY
ASSOCIATION OF CANADA**



RESPONSIBLE CARE®
Driving Safety & Sustainability

How Responsible Care® Delivers Results

Performance improvements presented are driven by the daily actions of CIAC member companies. By investing in safer technologies, identifying risks early and sharing best practices, members put Responsible Care into action and achieve measurable improvements in safety and environmental performance.



Strengthening Process Safety

Inter Pipeline Ltd. – Automated Process Control System

Inter Pipeline's Heartland Petrochemical Complex introduced an Automated Process Control System to improve the safe and efficient operation of its Deethanizer Column. The technology continuously monitors operations and reduces the need for manual intervention while improving process stability.

Since its implementation, the system has improved plant reliability, while reducing steam and electricity consumption in the Deethanizer Column by **10.6% and 6.8%**, respectively, and increasing on-spec pellet production. By lowering operational risk while improving reliability, projects like this help strengthen process safety across the industry and contribute to the continued reduction in major process safety events.



Protecting Worker Health

NOVA Chemicals – Workplace Exposure Assessment Program

NOVA Chemicals' Workplace Exposure Assessment Program (WEAP) identifies chemical, physical and noise hazards before they affect workers. Since 2023, the program has completed **94 formal exposure assessments across four sites**, helping teams better understand exposure risks and strengthen controls. Initiatives like WEAP support the continued improvement in employee and contractor safety performance.



Working With Communities

TRANSCAER®



TRANSCAER (Transportation Community Awareness and Emergency Response) demonstrates the chemistry industry's commitment to Responsible Care by strengthening emergency preparedness in communities across Canada. Through collaboration with first responders, municipalities, Indigenous communities, transportation partners, and government, TRANSCAER delivers training and outreach that enhances preparedness, strengthens partnerships, and supports the safe transportation of dangerous goods.

A major milestone in 2025 was the launch of the new **TRANSCAER Safety Train**, a unique mobile training resource that provides realistic, hands-on learning opportunities for first responders and transportation partners across Canada. During its inaugural operating season, the Safety Train visited five communities. Combined with TRANSCAER's broader outreach efforts, **44 training and community engagement events** were carried out across Canada, training **more than 831 participants in 2025**.



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