



Certificate of Registration

This certifies that the Health, Safety, Security, and Environmental Management System of

Cytec Industries, Inc. Cytec Canada Inc.

9061 Garner Road
Niagara Falls, Ontario, L2H 0Y2, Canada

has been assessed by NSF-ISR and found to be in conformance to the following standard(s):

RC14001:2015 & ISO14001:2015

Scope of Certification:

Development and manufacture of specialty chemicals including mining reagents and phosphine based chemicals.

The validity of this certificate depends on the validity of the main certificate C0613652 Cytec Industries, Inc.

A handwritten signature in black ink, appearing to read "SV".

Sameer Vachani
Senior Director, NSF-ISR

Certificate Number:	C0613652-RC5-C0613660
Certificate Decision Date:	14-JUL-2023
Certificate Issue Date:	17-JUL-2023
Cycle Effective Date:	19-JUL-2023
Certificate Expiration Date*:	18-JUL-2026

Issued by:
NSF International Strategic Registrations (NSF-ISR)
789 N. Dixboro Road, Ann Arbor, MI 48105 USA

Authorized Certification and/or Accreditation Marks. This certificate is property of NSF-ISR and must be returned upon request.

*Company is audited for conformance at regular intervals. To verify certification call (888) NSF-9000 or visit our web site at www.nsf-ISR.org





Responsible Care[®] Verification Report for

Solvay (Cytec Canada Inc.)

9061 Garner Road, Niagara Falls, Ontario, CAN L2H0Y2

Author: Karen G. Reaume

Date: July 7, 2023

Scope of the Audit

The NSF-ISR audit team conducted an audit of Cytec Canada Inc. (a wholly owned subsidiary of Solvay) beginning on June 26, 2023, to June 29, 2023, to RC14001®:2015 and CIAC commitments. This audit report addresses the CIAC Other Responsible Care® Commitments portion of the audit. Full audit results are contained in the RC14001 report held by Cytec Industries Inc.

The purpose of this audit report is to summarize the degree of compliance with relevant criteria, as described above, based on the evidence obtained during the audit. This audit report considers the organization's policies, objectives, and continual improvement processes.

The content of this report applies only to matters which were evident to the NSF audit team at the time of the audit, based on sampling of evidence provided and within the audit scope. NSF does not warrant or otherwise comment upon the suitability of the contents of the report or the certificate for any particular purpose or use.

NSF-ISR maintains a sampling plan for Cytec Industries, Inc, that includes the HQ location as well as manufacturing facilities in the US and Canada. The HQ management system supports global activities, and their scope is the development, production, sales, and distribution of Technology Solutions chemicals supporting the Mining Solutions, Phosphorous Specialties, and Additive Technologies Businesses.

Cytec Canada Inc. site specific scope: Design, development and manufacture of specialty chemicals including mining reagents and phosphine-based chemicals.

Team observations concerning the company's CIAC Responsible Care commitments.

Element #1 - TransCAER®

Evidence of participation in TransCAER® activities by the company where it has operations.

The HSE specialist is the Ontario TransCAER Co-Chair since January 1, 2023. All meetings in 2023 have been teleconferences with the National TransCAER meetings held on March 27, 2023, and June 29, 2023. Ontario TransCAER meetings were held on March 31, 2023, and June 19, 2023. Personnel also participated at the Ontario Hazardous Materials Responders Association (OHMRA) on June 15, 2023, in Niagara Falls, ON.

Element #2 – Community

Evidence of the development and communication of a worst-case scenario and other community engagement requirements

Cytec has demonstrated communication of worst-case scenarios and other community engagement activities. The site has had town halls open to the public and face-to-face meetings with residential and business neighbors. A neighbor contact guide has been documented, WE-SSPI-057-04, that identifies what neighbors need to be contacted via quadrant in the event of an emergency. A predetermined message is sent via a web-based system for notification to the neighbors. Based on interviews with community members, the communication is effective.

Element #3 - Participation

Evidence of participation by company leadership in CIAC Responsible Care (RC) activities, committees, and submission of an annual Responsible Care recommitment letter

Cytec is an active participant in CIAC/ RC activities, by membership on the environmental quality committee of Southern Ontario and the Occupational Safety meetings. The HSE Manager and Process Safety Engineer attends the SHARE and PSN meetings.

Element #4 – Performance

Evidence the company has provided CIAC with benchmarking data and other required data submissions including subcontractor evaluation requirements.

The site reports metrics on an annual basis to CIAC including NERM (National Environmental Resources Metrics) (**website,2022 submittal), annual NPRI (National Pollutant Release Inventory), annual PRIM (Process Related Incident Measures) survey, SHIM (Safety and Health Incident Metrics) & TIMS (Transportation Incident Measurement System). The site is in good standing with CIAC required submittals.

Element #5 – Participation

Evidence the company has reviewed its activities against CIAC’s Responsible Care Principles and Ethics and its position on sustainability and corporate responsibility.

The annual commitment letter was signed by the Site Director on February 23, 2023. Site Leadership demonstrated awareness of RC Principles & Ethics, & actions taken to promote sustainability, support for corporate responsibility. Corporate Leadership (Solvay) has a sustainability strategy called Solvay One Planet. This is a multiyear strategy to align greenhouse gas emissions with the Paris Agreement, reduce nonrecoverable industrial waste, and improve the quality of life for employees and society. (www.solvay.com/en/sustainability)

Element #6 - Dialogue

Evidence of stakeholder/community dialogue, including interviews by auditors with local community representatives

The organization has demonstrated stakeholder & community dialogue by inviting business and community neighbors to tour the site. Additionally, site Leadership has started visiting residential neighbors on an annual basis, handing out literature and discussing any concerns that neighbors may have. Two community members were interviewed during this audit without company personnel present. Based on the results of the interviews, the company is effective in its outreach and engagement processes.

Element #7 – Indigenous Communities

Evidence of engagement with indigenous communities near production facility with respect for their unique history, culture and rights

The site has investigated potential local Indigenous communities. The nearest Indigenous community is 80km away. Site has determined activities, including worst-case scenarios, would not affect this community.

Element #8 – Promotion/Awareness

Evidence that the company promotes Responsible Care (RC) by name and employees are aware of the term.

Cytec demonstrates RC promotion & awareness during various training sessions for employees. This awareness was confirmed through interviews with employees at various levels & positions. Use of the RC logo on neighbor outreach information, (magnet, brochure), on corporate website (logo & policy).

Successful (“excellent”/ “best”) practices identified on the audit:

- Research & Innovation (R&I) involvement with existing products to potentially improve yield, cycle time and create less waste (sustainability)
- Research & Innovation (R&I) and Quality involvement with customers to reduce waste by recycling solvent.
- Members of Plant Leadership conduct annual, in person visits to homeowners.
- Improvement action plans created in every department to meet Key initiatives, i.e. strive for an engaged organization to advance towards an injury and incident free workplace, provide superior customer service, create an engaged and winning organization.
- Metrics for on-time completion of HSEQ action items

Non-conformities related to “Other Responsible Care® Commitments”:

None

Opportunities for improvement:

- Storage of damaged torque wrenches could be improved by error proof methods
- Ensure security considerations are included in Management review meetings
- It may be useful to review the consistent use of tags (describing the hazard, date and person placing the tape) in conjunction with yellow caution and red warning barrier tape

Observations concerning the presence of a “Self-Healing” (effective) management system:

CIAC Verification audit was conducted concurrently with the re-assessment audit to ISO 9001:2015, RC 14001®:2015 & ISO45001:2018 management system requirements. Cytec Canada has consistently demonstrated an implemented & maintained integrated Health, Safety, Environment, Quality (HSEQ) management system.

Observations Concerning the Role of the Responsible Care Ethic and Principles for Sustainability:

- Site demonstrated awareness of RC Principles & Ethics, & actions taken to promote sustainability, and support for corporate responsibility.
- Solvay Leadership Community to foster inclusion, equity and diversity. .
- Sustainable portfolio management (SPM) tool to strategically direct toward more sustainable business.
- Use of EcoVadis for sustainable & socially responsible procurement vetting of material suppliers including environment, labor & human rights, ethics, & sustainable procurement, international standards

Audit Team Conclusions:

The audit team conclusions related to the full management system audit are available upon request from Cytec Industries, Inc.

Audit team’s conclusions about the effectiveness of the CIAC Other Responsible Care® Requirements and commitment to Responsible Care® Ethic and Principles:	
X	Based on the results of the audit, the audit team determined that the CIAC Other Responsible Care Requirements and commitment to Responsible Care Ethic and Principles were effectively implemented and maintained per defined requirements and is deemed capable to achieve the expected outputs.
	Based on the results of the audit, the audit team determined that the CIAC Other Responsible Care Requirements and commitment to Responsible Care Ethic and Principles were effectively implemented and maintained per defined requirements and is deemed capable to achieve expected outputs, except as noted in the minor nonconformity report(s).
	Based on the results of the audit, the audit team determined that the CIAC Other Responsible Care Requirements and commitment to Responsible Care Ethic and Principles were not effectively implemented and maintained per defined requirements nor deemed capable to achieve expected outputs, as noted in the major nonconformity report(s).