

DTSC/CICC POLLUTION PREVENTION CHALLENGE PROGRAM

What's it about?

The Department of Toxic Substances Control (DTSC) has teamed up with the Chemical Industry Council of California (CICC) to challenge individual chemical industry facilities to take active steps to prevent industrial pollution. Facilities can do this in several ways. One is by reducing pollutants in hazardous waste, air emissions, and water. Other ways include implementing systems that promote and sustain environmental quality and business profitability, developing or adopting innovative technologies, and implementing community and business outreach efforts.

DTSC and CICC will officially recognize facilities that demonstrate significant accomplishments in these areas. Recognition will be in the form of a certificate issued jointly by the State and CICC. There is no limit on the number of recognitions DTSC and CICC will grant. This is not a competition; DTSC and CICC will promote pollution prevention by encouraging as many facilities as possible to participate in the program and be recognized for pollution prevention achievements.

PARTICIPATION PROCESS

The following is the process for participating in the Department of Toxic Substances Control (DTSC)/ Chemical Industry Council of California (CICC) Pollution Prevention Challenge Program:

To be eligible:

1. This challenge program is open for participation to any facility in California's chemical industry, including manufacturers, formulators, and distributors.
2. The participating facility should have a good overall environmental compliance record. Environmental enforcement actions with local agencies (such as Certified Unified Program Agency's (CUPAs), Publicly Owned Treatment Works (POTWs), air districts), boards, divisions, or offices of California Environmental Protection Agency (Cal/EPA), District Attorneys, or the California Attorney General's Office for the two years prior to the nomination deadline will be used as a primary factor in making this evaluation.

To be recognized:

1. Facilities wishing to participate in the challenge program must complete the attached "Application to Participate" form to describe their proposed project.

2. This information must include a detailed description of project activities and supporting data to show that pollution prevention has been achieved by the project measures.
3. The selection committee will evaluate and score the project based on the criteria described in the application.
4. Facilities with successful pollution prevention project(s) will be recognized by DTSC/CICC at a scheduled event.

DTSC and CICC will work in partnership with facility applicants and will assist, as needed, to achieve facilities' pollution prevention goals.

DTSC/CICC POLLUTION PREVENTION CHALLENGE PROGRAM

APPLICATION

Facility Name:
Street Address: _____
Mailing Address: _____ _____
EPA ID Number: _____ NAICS Code: _____
Contact Person: Telephone: Email Address: Fax:

Nature of business:
Facility Size*: Small _____ Medium _____ Large _____

*Facility size, for the sole purpose of this project, is based on the number of employees at the specific facility site:

Small: 75 employees or less

Medium: 76-250 employees

Large: >250 employees

The participating facility should have a good overall environmental compliance record. Environmental enforcement actions with local agencies (such as CUPAs, POTWs, air districts), boards, divisions, or offices of Cal/EPA, District Attorneys, or the California Attorney General's Office for the two years prior to the nomination deadline will be used as a primary factor in making this evaluation.

Please include the following components in your application. As much as possible, include only non-confidential information. In the event that confidential information must be included, please mark that information as confidential.

- Executive Summary: Describe briefly your facility's pollution prevention project.
- Detailed Description of Project: Describe project accomplishments in pollution prevention areas as expressed in any of the applicable criteria below. Include as much nonproprietary detail as possible to make the strongest presentation of your project. Provide an implementation timeline. The Selection Committee will pay close attention to the specifics of your pollution prevention measures.
- Supporting Data: Provide information on baselines, outcomes, and how you normalized the data (i.e., adjusted the data to account for changes in production and other factors not related to the pollution prevention effort).
- Projections: For projects that have not shown quantifiable results yet, include projections based on verifiable historical/statistical data achieved by other facilities implementing similar measures.

In order to be recognized, applicants must have a good overall compliance record for the preceding two years and must earn points in the Pollutant Reductions category.

CRITERIA

Minimum points needed for recognition: 70

A. Pollutant Reductions

1 – 100 points: High, Medium and Low Points are given based on pollutant toxicity and risk. High = 3 points per % reduction. Medium = 2 points per % reduction. Low = 1 point per % reduction.

Facility demonstrates it has achieved reductions in areas which may include but are not limited to one of the following:

- Hazardous wastes
- Fugitive air emissions
- Wastewater pollutants

- Specific pollutants [for example: substances on California’s Prop 65 list, air toxics, PBTs (persistent, bioaccumulative, and toxic substances)]
- Greenhouse gases
- Other

B. Sustainable Design

1 – 25 points for each sub-category below

Facility takes measures to reduce use of hazardous materials and/or processes, while sustaining economic viability through measures which may include but are not limited to the following:

- Product reformulation: Include available information, such as scientific literatures or life cycle information that led to your conclusion that the reformulated product is more environmentally friendly than the original product.
- Material substitution: Include available information, such as scientific literatures or life cycle information that led to your conclusion that the substitute material is more environmentally friendly than the original material
- Process change
- Environmental accounting – This entails elevating corporate sustainability/ environmental reporting to the same level as financial reporting. Some reporting examples are energy consumption, renewable energy sources used, water usage, biodiversity indicators, greenhouse gas emissions, waste by type and destination.
- Environmental management systems (Example: ISO 9000/ ISO 14000, etc.)
- Greening supply and/or buyer distribution chain
- Development of sustainability plan
- Other

C. Pollution Prevention Technology or Process Demonstration

1 – 25 points

Facility develops and demonstrates a pollution prevention technology or process that shows innovation and excellence. This criterion recognizes the substantial efforts required in terms of time and capital investment to develop, test, and demonstrate a new pollution prevention technology or process.

D. Transferable pollution prevention technology or process

1 – 25 points

Facility develops pollution prevention technology or process that is potentially transferable to other facilities or industries, and the facility is proactive in sharing their success with other facilities that could potentially benefit.

E. Community and Business Outreach (Bonus Points)

1 – 5 points for each sub-category below

Facility initiates and implements a pollution prevention outreach, education, and/or mentoring program with their community or another facility. For example:

- Project or measures to protect community from hazardous substances at facility
- Pollution prevention mentoring between facilities
- Community pollution prevention information and chemical education
- Establishment of community advisory committee. Include your criteria in selecting members for the community advisory committee.

PLEASE NOTE: As we proceed in this project, the recognition criteria may be adjusted for clarity and consistency.