



***National
Environmental
Achievement Track***

Application Form

Concurrent Technologies Corporation

Name of facility

Concurrent Technologies Corporation

Name of parent company (if any)

100 CTC Drive

Street address

Johnstown, PA 15904

City/State/Zip code

Give us information about your contact person for the
National Environmental Achievement Track Program.

Name Jerry Hudson

Title Executive Director, Advanced Technologies

Phone 814/269-2804

Fax 814/269-2798

E-mail Hudson@ctc.com

Why do we need this information?

EPA needs background information on your facility to evaluate your application.

What do you need to do?

- Provide background information on your facility.
- Identify your environmental requirements.

Section A

Tell us about your facility.

1 What do you do or make at your facility?

CTC, an independent non-profit organization, is an applied research and development, professional services company that provides management and technology-based solutions to a wide variety of clients including private sector, state, and federal government organizations.

2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.

SIC
8711 – Engineering Services

NAICS

3 Does your company meet the Small Business Administration definition of a small business for your sector?

Yes No

4 How many employees (full-time equivalents) currently work at your facility?

- Fewer than 50
- 50-99
- 100-499
- 500-1,000
- More than 1,000

5 Does your facility have an EPA ID number(s)?

Yes No

If yes, list in the right-hand column.

MTF Building: EPA ID # PAD987356128

ETF Building: EPA ID # PAD987399599

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right *or* enclose a completed Checklist with your application.

Checklist enclosed at end of application.

7 Check the appropriate box in the right-hand column.

I've listed the requirements above.

I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

- First non-profit to concurrently receive registration to ISO 9001 and 14001.
- CTC provides environmental consulting services in a variety of areas, including ISO 14001, and was an active member of the DOD ISO 14001 pilot program consulting team.
- CTC staff serve as members on ISO 14001 Technical Advisory Groups (TAGs).

Section B

Tell us about your EMS.

Why do we need this information?

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

What do you need to do?

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

- a.* Environmental policy Yes
- b.* Planning Yes
- c.* Implementation and operation Yes
- d.* Checking and corrective action Yes
- e.* Management review Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)? Yes

3 Did this cycle include both an EMS and a compliance audit? Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS? Yes

If yes, what method of EMS assessment did you use?

Self-assessment

GEMI

Other

CEMP

Third-party assessment

ISO 14001 Certification

Other

Section C

Tell us about your past achievements and future commitments.

Why do we need this information?

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

What do you need to do?

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

Note to small facilities: If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

First aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Energy conservation (electricity)	11,375,520	kWh	10,022,044	kWh
<p>i. How is the current level an improvement over the previous level?</p> <p>Based on actual kWh usage, energy consumption has been reduced an average of 10.9% over the past two fiscal years. When calculated to reflect weather-adjusted net savings, the average reduction in consumption increases to 17.9% over two years.</p>				
<p>ii. How did you achieve this improvement?</p> <ul style="list-style-type: none"> • Employee energy awareness program • "Lights-out" Policy • Purchase energy efficient computers • Optimize chiller plant operation • Optimize programmable thermostat temperatures • Optimize programmable thermostat occupied/unoccupied sets • Adjust optimum start/stop schedules with the automatic temperature control (ATC) • Adjust OA economizers controlled by the ATC to 5% • Optimize entryway heaters (semi-annual) • ATC system monitoring system optimization and control – ETF building 				

Second aspect you've selected

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units lbs/yr	Quantity	Units lbs/yr
Recycling	14,196		46,643	
<p>i. How is the current level an improvement over the previous level?</p> <p>Increased recycling by 32,447 lbs/yr, more than a three-fold increase.</p>				
<p>ii. How did you achieve this improvement?</p> <p>Instituted a corporate-wide recycling program</p>				

2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

Note to small facilities: If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

First aspect you've selected

- a. What is the aspect? Energy Conservation
- b. Is this aspect identified as significant in your EMS? Yes No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- | | |
|--|---------------------------------|
| <input checked="" type="checkbox"/> Option A: Absolute value | 10,022,044 kWh (Quantity/Units) |
| <input type="checkbox"/> Option B: In terms of units of production or output | (Quantity/Units) |
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- | | |
|---|--|
| <input checked="" type="checkbox"/> Option A: Absolute value | 6% (total) additional reduction over the next 3 years (Quantity/Units) |
| <input type="checkbox"/> Option B: In terms of units of production or output. | (Quantity/Units) |

Third aspect you've selected

- a. What is the aspect? Emissions of VOCs from painting operations
- b. Is this aspect identified as significant in your EMS? Yes No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- | | |
|--|--------------------------------|
| <input checked="" type="checkbox"/> Option A:
Absolute value | 262 lbs/yr
(Quantity/Units) |
| <input type="checkbox"/> Option B:
In terms of
units of production | (Quantity/Units) |
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- | | |
|--|----------------------------------|
| <input type="checkbox"/> Option A:
Absolute value | (Quantity/Units) |
| <input checked="" type="checkbox"/> Option B:
In terms of
units of production
or output | 5% reduction
(Quantity/Units) |
- e. How will you achieve this improvement? Replace paints containing VOCs with environmentally friendly materials where feasible or institute technologies that minimize VOCs such as low-watt density systems.

Fourth aspect you've selected

- a. What is the aspect? Reduce total solid waste (residual waste)
- b. Is this aspect identified as significant in your EMS? Yes No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- | | |
|---|--------------------------------|
| <input checked="" type="checkbox"/> Option A:
Absolute value | 30 tons/yr
(Quantity/Units) |
| <input type="checkbox"/> Option B:
In terms of
units of production
or output | (Quantity/Units) |
- d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.
- | | |
|--|---------------------------------|
| <input type="checkbox"/> Option A:
Absolute value | (Quantity/Units) |
| <input checked="" type="checkbox"/> Option B:
In terms of
units of production
or output | 5% decrease
(Quantity/Units) |
- e. How will you achieve this improvement?
- The focus of this aspect is on factory operations and associated process solid wastes. CTC plans to implement housekeeping improvements, procurement processes, material handling improvements, and process technology/controls where appropriate to reduce solid waste quantities.***

Section D

Tell us about your public outreach and reporting.

Why do we need this information?

Facilities must demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

What do you need to do?

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

- 1 How do you identify and respond to community concerns?

ISO 14001 Communication Procedure in place.

Management System Representative designated as recipient of all external inquiries.

Annually determine what EMS information shall be communicated outside the company.
- 2 How do you inform community members of important matters that affect them?

Press releases are issued and also posted on the corporate web site (www.ctc.com).

Annual Open House in conjunction with local "Showcase for Commerce" event.

Participate on local and state business and community boards (e.g., VP/CFO is on the Board of Directors of the PA Chamber of Business and Industry).
- 3 How will you make the Achievement Track Annual Performance Report available to the public?

Website www.ctc.com

Newspaper

Open Houses

Other

Available to the public upon request.
- 4 Are there any ongoing citizen suits against your facility?

Yes No

If yes, describe briefly in the right-hand column.

5 List references below

	<i>Organization</i>	<i>Name</i>	<i>Phone number</i>
<i>Representative of a Community/ Citizen Group</i>	JARI (Johnstown Area Regional Industries)	Linda Thomson, President	814/535-8675
<i>State/Local Regulator</i>	PA Department of Environmental Protection	William Shawley	814/472-1900
<i>Other community/local reference</i>	Member, US House of Representatives	Congressman John Murtha	DC: 202/225-2065 PA: 814/539-6006 or 814/535-2642

On behalf of

Concurrent Technologies Corporation (CTC)
[my facility],

Section E

Application and Participation Statement.

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

Printed Name/Title Jerry Hudson, Executive Director, Advanced Technologies

Facility Name Concurrent Technologies Corporation

Facility Street Address 100 CTC Drive, Johnstown, PA 15904

Facility ID Numbers MTF Building: EPA ID # PAD987356128
ETF Building: EPA ID # PAD987399599

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK or e-mail ptrack@indecon.com. Mail completed applications to:

The Performance Track Information Center
c/o Industrial Economics Incorporated
2067 Massachusetts Avenue
Cambridge, MA 02140

National Environmental Achievement Track

Environmental Requirements Checklist

The following Checklist is provided to assist facilities in answering Section A, "Tell us about your facility," Question 6. The Checklist is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The Checklist is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

Facility Name Concurrent Technologies Corporation
Facility Location: Johnstown, PA
Facility ID Number(s): MTF- EPA ID# PAD987356128
(attach additional sheets if necessary) ETF- EPA ID# PAD987399599

Air Pollution Regulations

Check All
That Apply

- | | |
|---|-------------------------------------|
| 1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61) | <input type="checkbox"/> |
| 2. Permits and Registration of Air Pollution Sources | <input checked="" type="checkbox"/> |
| 3. General Emission Standards, Prohibitions and Restrictions | <input checked="" type="checkbox"/> |
| 4. Control of Incinerators | <input type="checkbox"/> |
| 5. Process Industry Emission Standards | <input type="checkbox"/> |
| 6. Control of Fuel Burning Equipment | <input type="checkbox"/> |
| 7. Control of VOCs | <input checked="" type="checkbox"/> |
| 8. Sampling, Testing and Reporting | <input checked="" type="checkbox"/> |
| 9. Visible Emissions Standards | <input type="checkbox"/> |
| 10. Control of Fugitive Dust | <input type="checkbox"/> |
| 11. Toxic Air Pollutants Control | <input type="checkbox"/> |
| 12. Vehicle Emissions Inspections and Testing | <input type="checkbox"/> |

Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed Above (identify)

13. None

Hazardous Waste Management Regulations

- | | |
|---|-------------------------------------|
| 1. Identification and Listing of Hazardous Waste (40 CFR 261) | |
| - Characteristic Waste | <input checked="" type="checkbox"/> |
| - Listed Waste | <input checked="" type="checkbox"/> |
| 2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262) | |
| - Manifesting | <input checked="" type="checkbox"/> |
| - Pre-transport requirements | <input checked="" type="checkbox"/> |
| - Record keeping/reporting | <input checked="" type="checkbox"/> |

- 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
 - Transfer facility requirements
 - Manifest system and record-keeping
 - Hazardous waste discharges
- 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
 - General facility standards
 - Preparedness and prevention
 - Contingency plan and emergency procedures
 - Manifest system, Record keeping and reporting
 - Groundwater protection
 - Financial requirements
 - Use and management of containers
 - Tanks
 - Waste piles
 - Land treatment
 - Incinerators
- 5. Interim Status Standards for TSD Owners and Operators (40 CFR 265)
- 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267)
- 7. Administered Permit Program (Part B) (40 CFR 270)

Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (identify)

- 8. None

Hazardous Materials Management

- 1. Control of Pollution by Oil and Hazardous Substances (33 CFR 153)
- 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302)
- 3. Hazardous Materials Transportation Regulations (49 CFR 172-173)
- 4. Worker Right-to-Know Regulations (29 CFR 1910.1200)
- 5. Community Right-to-Know Regulations (40 CFR 350-372)

Other Federal, State, Tribal or Local Hazardous Materials Management Regulations Not Listed Above (identify)

- 6. None

Solid Waste Management

- 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257)
- 2. Permit Requirements for Solid Waste Disposal Facilities
- 3. Installation of Systems of Refuse Disposal
- 4. Solid Waste Storage and Removal Requirements
- 5. Disposal Requirements for Special Wastes

Other Federal, State, Tribal or Local Solid Waste Management Regulations Not Listed Above (identify)

- 6. None

Water Pollution Control Requirements

- 1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112)
- 2. Designation of Hazardous Substances (40 CFR 116)
- 3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117)
- 4. NPDES Permit Requirements (40 CFR 122)
- 5. Toxic Pollutant Effluent Standards (40 CFR 129)
- 6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403)
- 7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414)
- 8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415)
- 9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416)
- 10. Water Quality Standards
- 11. Effluent Limitations for Direct Discharges
- 12. Permit Monitoring/Reporting Requirements
- 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants
- 14. Collection, Handling, Processing of Sewage Sludge
- 15. Oil Discharge Containment, Control and Cleanup
- 16. Standards Applicable to Indirect Discharges (Pretreatment)

Other Federal, State, Tribal or Local Water Pollution Control Regulations Not Listed Above (identify)

- 17. None

Drinking Water Regulations

- 1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146)
- 2. National Primary Drinking Water Standards (40 CFR 141)
- 3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141)
- 4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources
- 5. Underground Injection Control Requirements
- 6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems

Other Federal, State, Tribal or Local Drinking Water Regulations Not Listed Above(identify)

- 7. None

Toxic Substances

- 1. Manufacture and Import of Chemicals, Record keeping and Reporting Requirements (40 CFR 704)
- 2. Import and Export of Chemicals (40 CFR 707)

- 3. Chemical Substances Inventory Reporting Requirements (40 CFR 710)
- 4. Chemical Information Rules (40 CFR 712)
- 5. Health and Safety Data Reporting (40 CFR 716)
- 6. Pre-Manufacture Notifications (40 CFR 720)
- 7. PCB Distribution Use, Storage and Disposal (40 CFR 761)
- 8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762)
- 9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775)

Other Federal, State, Tribal or Local Toxic Substances Regulations Not Listed Above
(identify)

- 10. None

Pesticide Regulations

- 1. FIFRA Pesticide Use Classification (40 CFR 162)
- 2. Procedures for Disposal and Storage of Pesticides and Containers (40 CFR 165)
- 3. Certification of Pesticide Applications (40 CFR 171)
- 4. Pesticide Licensing Requirements
- 5. Labeling of Pesticides
- 6. Pesticide Sales, Permits, Records, Application and Disposal Requirements
- 7. Disposal of Pesticide Containers
- 8. Restricted Use and Prohibited Pesticides

Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above
(identify)

- 9. None

Environmental Clean-Up, Restoration, Corrective Action

- 1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (identify)
None
- 2. RCRA Corrective Action (identify)
None

Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration, Corrective Action Regulations Not Listed Above (identify)

- 3. None