



A02-0045 1/24/02

***National
Environmental
Achievement Track***

Application Form

Ideal Jacobs Corporation

Name of facility

Name of parent company (if any)

515 Valley Street

Street address

Street address (continued)

Maplewood, NJ 07040

City/State/Zip code

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

Name Andrew Jacobs

Title President & Owner

Phone (973) 275-5100

Fax (973-257-5161

E-mail aj@idealjacobsCorp.com

Section A

Tell us about your facility.

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.

1 What do you do or make at your facility?

Ideal Jacobs Corporation serves primarily the custom label printing needs of a large segment of the telecommunications industry. Many of the labeling systems are UL and CSA tested and registered. The company also distributes custom plastic and metal components and electronic sub-assemblies. Ideal Jacobs' services, products and operations are monitored and controlled through an integrated ISO 9002/14001 Quality, Environmental and OSHA Safety Management System.

SIC

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.

NAICS
323113

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.

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.

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?

In April of 2001 we relocated the company to the current address and included a new 7,000 sq. ft. silk screen printing plant. Prior to 5/1/01 Ideal Jacobs Corporation contracted out all production and relied solely on information regarding use of hazardous materials provided by our suppliers responding to our request for participation in our Annual Environmental Survey. Through this annual review we observed that in some instances our suppliers were successfully reducing and/or substituting non-hazardous materials.

By going online with our in-house plant on 5/1/01 we eliminated most of the use of hazardous screen production materials and chemicals related to flat sheet labels and tags in our own facility by replacing them with citrus based non-hazardous products.

Section B

Tell us about your EMS.

Why do we need this information?

Facilities need to 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 need to 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 need 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
HAZARDOUS MATERIALS USE - To decrease the amount of hazardous materials (screen stencil material and chemicals) by substituting less toxic products.	370	pounds	258	pounds
i. How is the current level an improvement over the previous level?				
year 2000 370 lbs, year 2001 258 lbs and projected for 2002 is 105 lbs.				
Through the use of clean technology we have been able to drastically reduce the volume of hazardous materials used.				
ii. How did you achieve this improvement?				
In 1999 we produced, through outside sheet-fed silkscreen suppliers, approximately 1000 label and tag jobs and by means of an annual environmental survey of those outside suppliers we were able to determine how much hazardous material they were using for our products. In May 2001 we brought our own in-house state-of-the art sheet-fed silkscreen operation on line thereby reducing 1) our reliance on outside suppliers by more than 80% with respect to our total flat run label and tag job output and 2) reducing the unit of hazardous material used per pound of completed production due to the technical capabilities of the new plant to use inherently less hazardous materials (lower concentrations of hazardous components) and reduced absolute quantity of hazardous materials for the same amount of production.				

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

- Option A:
Absolute value (Quantity/Units)
- Option B:
In terms of units of production or output .0014 lbs/\$1.00-2004 (Quantity/Units)

e. How will you achieve this improvement?

Monitoring of production waste via form IJ-60-1(01) directs our attention to details as the jobs are being produced so that recurring problems are checked and fixed before they are too far into the press run. Non-conformance reports list specific personnel responsible for printing and checking the job at all stages to insure that those responsible find out what happened and how it could have been avoided. Non-conformance reports are tracked for recurring incidents and individual personnel are "charged" with the non-conformance in order to identify the need to re-train, transfer to other duties or terminate the employee(s). Projected improvement levels are .0016 lbs/\$1.00 for 2002 and .0015 lbs/\$1.00 for 2003. We will waste less adhesives, ink, paper and plastic sheets.

Second aspect you've selected

a. What is the aspect?

HAZARDOUS MATERIALS USE - To decrease the amount of hazardous materials (screen stencil material and chemicals) in all our sheet-fed silkscreen operations by substituting less toxic products.

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.

- Option A:
Absolute value (Quantity/Units)
- Option B:
In terms of units of production or output .000035lbs/\$1.00 in sales (Quantity/Units)

d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.

- Option A:
Absolute value (Quantity/Units)
- Option B:
In terms of units of production or output .000027/\$1.00-2004 (Quantity/Units)

e. How will you achieve this improvement?

We can achieve this by eliminating the use of 5 Star Solution, CPS 40% Caustic Haze Remover and Activator and using environmentally friendly citrus based cleaners for most of our manufacturing and clean-up processes and 4% CPS Caustic Haze remover. Projected improvements: .000032/\$1.00 of sales for 2002 and .000029/\$1.00 of sales for 2003.

Third aspect you've selected

- a. What is the aspect?
- 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.
- Option A: Absolute value (Quantity/Units)
- Option B: In terms of units of production or output (Quantity/Units)
- d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- Option A: Absolute value (Quantity/Units)
- Option B: In terms of units of production or output (Quantity/Units)
- e. How will you achieve this improvement?

Fourth aspect you've selected

- a. What is the aspect?
- 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.
- Option A: Absolute value (Quantity/Units)
- Option B: In terms of units of production or output (Quantity/Units)
- d. What is the level you are committing to achieve over the next three years? You may choose to state this as an absolute level or in terms of units of production or output.
- Option A: Absolute value (Quantity/Units)
- Option B: In terms of units of production or output (Quantity/Units)
- e. How will you achieve this improvement?

Section D

Tell us about your public outreach and reporting.

Why do we need this information?

Facilities need to 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?

We currently have no direct community concerns. In response to the work as a whole, we have instituted and maintained our integrated ISO Quality/Environmental & OSHA Safety Management System in compliance with all third party audits for the ISO system and advice from our Environmental/OSHA consultant for the OSHA system, to cover statutory and regulatory requirements. Our EMS documentation, as per ISO 14001, is open to the public and plant tours are available to everyone.

We have established a relationship with the Township of Maplewood's Environmental Advisory Committee and intend to use it to determine environmentally beneficial community activities that we can support or participate in.

One initiative we are undertaking is to supply the materials needed to stencil warnings against disposal of waste in storm sewers. Another is to provide plant tours to local high school students showing not only an environmentally clean facility but an operation dedicated to environmental improvement has led to increased profitability. We are now constructing an area on our website to deal with community concerns and public outreach which will be headed by our president.

2 How do you inform community members of important matters that affect them?

Environmental related issues, including free information regarding our EMS are posted on our corporate website, www.idealjacobs.com and will be maintained.

3 How will you make the Achievement Track Annual Performance Report available to the public?

- Website www.idealjacobs.com
- Newspaper
- Open Houses
- Other

The report will be distributed at any Quality=Money speaking engagements or presentations made by or on behalf of Ideal Jacobs.

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>	Township of Maplewood Environmental Advisory Committee, 359 Boyden Ave, Maplewood, NJ 07040	Don Richardson, Member	973-762-1175
<i>State/Local Regulator</i>	Township of Maplewood Dept. of Health, 574 Valley St., Maplewood, NJ 07040	Robert D. Roe, Health Officer	973-762-8120
<i>Other community/local reference</i>	M & K Map, L.L.C., (developers of The Map Building) 76 South Orange Avenue, South Orange, NJ 07079	Cary Heller	973-378-2200

Section E

Application and Participation Statement.

On behalf of Ideal Jacobs Corporation
[my facility],

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 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 Andrew C. Jacobs, Owner and President

Facility Name Ideal Jacobs Corp.

Facility Street Address 515 Valley Street, Maplewood, NJ 07040

Facility ID Numbers

National Environmental Achievement Track

Environmental Requirements Checklist

We've included the following Checklist to help you answer questions in Section A, Tell us about your facility. The Checklist will help you identify the major federal, state, tribal, and local environmental requirements that apply at your facility, but it is not an exhaustive list of all environmental requirements that may be applicable at your 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).

Air Pollution Regulations

Check All That Apply

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

- 13. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Hazardous Waste Management Regulations

Check All That Apply

- 1. Identification and Listing of Hazardous Waste (40 CFR 261)
 - Characteristic Waste
 - Listed Waste
- 2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
 - Manifesting
 - Pre-transport requirements
 - Record keeping/reporting
- 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 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)
- 8. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Hazardous Materials Management

Check All That Apply

- 1. Control of Pollution by Oil and Other 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)
- 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Solid Waste Management

Check All That Apply

- 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
- 6. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Water Pollution Control Requirements

Check All That Apply

- 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)
Name of POTW
ID # of POTW
- 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 Dischargers
- 12. Permit Monitoring/Reporting Requirements
- 13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants
- 14. Collection, Handling, and Processing of Sewage Sludge
- 15. Oil Discharge Containment, Control and Cleanup
- 16. Standards Applicable to Indirect Discharges (Pretreatment)
- 17. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Drinking Water Regulations

Check All That Apply

- 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
- 7. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Toxic Substances

Check All That Apply

- 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)
- 10. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Pesticide Regulations

Check All That Apply

- 1. FIFRA Pesticide Use Classification (40 CFR 162)
- 2. Procedures Storage and Disposal 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
- 9. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Environmental Clean-Up, Restoration, Corrective Action

Check All That Apply

- 1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (Please identify)
- 2. RCRA Corrective Action
- 3. Other (you must list these) Federal, State, Tribal or Local Regulations Not Listed Above

Facility Name Ideal Jacobs Corp
Facility Location: 515 Valley Street, Maplewood, NJ 07040
Facility ID Number(s): Not Applicable

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK (7875) or e-mail ptrack@indecon.com. Mail completed applications to:

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