A05-0044

National Environmental Achievement Track

Application Form

BAE SYSTEMS Controls
Name of facility

BAE SYSTEMS North America
Name of parent company (if any)

2000 Taylor Street
Street address

P.O. Box 2232
Street address (continued)

Fort Wayne, IN 46802
City/State/Zip code

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

Name John Dimino

Title ESH Leader

Phone (219) 434-5242

Fax (219) 434-5296

E-mail john.e.dimino@baesystems.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?

BAE SYSTEMS Controls, Fort Wayne makes high reliability electronic aircraft engine controls and cables.

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
3829

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. INR000004275

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?

- BAE SYSTEMS Controls, Fort Wayne currently operates below the Threshold for Clean Air Act Title V or FESOP. Because of this status the only requirement is a state registration for air emissions.
- BAE SYSTEMS Controls, Fort Wayne also operates as a zero discarge facility and our permit classification with the POTW is No Discarge.

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	2262	lbs/yr	1133	lbs/yr

i. How is the current level an improvement over the previous level?

The amount of conformal coating used per year decreased by 50%.

ii. How did you achieve this improvement?

Installed an automated conformal coating process. This reduced the amount of product processed by a hand spray coating operation through the use of a new automated machine process. This eliminated masking waste because there is no longer a concern of over-spraying. Reduction in the amount of coating material was achieved by the ability of the machine process to deposit an exact amount of material on the product, thereby reducing associated emissions, waste and exposure to employees.

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	Quantity	Units
Hazardous Solid Waste	2581	lbs/year (1999 total)	824	lbs/year (2000 total)

i. How is the current level an improvement over the previous level?

There was a reduction of 32% in waste alcohol between 1999 and 2000.

ii. How did you achieve this improvement?

We installed an Isopropyl Alcohol distillation unit to allow reuse of material and reduce incoming hazardous chemicals as well as outgoing hazardous solid waste. From 1997 to 2001, there has been a total of 46% reduction in Isopropyl Alcohol purchased, and a total of 93% reduction in Isopropyl Alcohol waste.

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 page.

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

First aspect you've selected

a. What is the aspect? Total Energy Use

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 1626 kwh/unit produced (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	1463 kwh/unit produced (Quantity/Units)
e. How will you achieve this improvement?	Energy saving techniques such as plant wide installation of green lights, electrical load balancing in high usage areas, and optimizing equipment efficiency will result in a 10% reduction in total projected usage per unit produced. As an example, energy usage dropped from 1889.5 kwh per unit produced to 1626 kwh per unit produced from 1999 to 2000. Similar results are expected over the next three years.	

Second aspect you've selected

a. What is the aspect?	Hazardous Solid 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.	☒ Option A: Absolute value	43,578 lbs/year (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	32,684 lbs/year (Quantity/Units)
	☐ Option B: In terms of units of production or output	(Quantity/Units)
e. How will you achieve this improvement?	Implementing a Centralized Chemical Purchasing System will allow us to control, monitor, and analyze incoming chemical quantities. Utilizing this data will enable proper management and eliminate over buying (which results in the disposal of excess expired materials). Improved control thus leads to reduced waste.	

Third aspect you've selected

a. What is the aspect?	Hazardous Material Use	
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	869 lbs/month (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	608 lbs/month (Quantity/Units)
	☐ Option B: In terms of units of production or output	(Quantity/Units)
e. How will you achieve this improvement?	Utilization of nitrogen to create an inert environment within the Wave Soldering process. This should decrease the amount of lead used in the process by 30%.	

Fourth aspect you've selected

a. What is the aspect?	Hazardous Solid 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.	☒ Option A: Absolute value	1656 lbs/year (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	165 lbs/year (Quantity/Units)
	☐ Option B: In terms of units of production or output	(Quantity/Units)
e. How will you achieve this improvement?	A more efficent stencil (silk screen) cleaner will be implemented. The process will be converted from an open-loop system to a closed-looped system. This should reduce the amount of waste produced by 90%.	

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.

X JAR 1 How do you identify and respond to community concerns?

As part of our Environmental Management System (EMS), we have a procedure in place that identifies a responsible party when dealing with external requests for information. As part of this proceedure we document the request as well as our response.

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

- We post our EMS Policy.

- We have a community service team that goes to the local schools to educate students on environmental issues as well as discuss the students role and our role in helping the environment.

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

☒ Website www.lmcontrolsystems.com

☐ Newspaper

☐ Open Houses

☐ Other

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

	Organization	*Name*	*Phone number*
Representative of a Community/ Citizen Group	TQM Network	Dale W. Siegelin	(219) 485-5816
State/Local Regulator	Indiana Department of Labor -Voluntary Protection Program	William Miller	(317) 232-4135
Other community/local reference	Chamber of Commerce	Phil Laux	(219) 424-1435

Section E

Application and Participation Statement.

On behalf of BAE SYSTEMS Controls
[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 Todd Rash 8/6/2001

Printed Name/Title Todd Rash/Plant Leader

Facility Name BAE SYSTEMS Controls

Facility Street Address 2000 Taylor Street
Fort Wayne, IN 46802

Facility ID Numbers INR000004275

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
2067 Massachusetts Avenue
4th Floor
Cambridge, MA 02140