A07-0010

National Environmental Achievement Track

Application Form

Coralville Operations
Name of facility

Rockwell Collins
Name of parent company (if any)

2855 Heartland Drive
Street address

Street address (continued)

Coralville, IA 52241
City/State/Zip code

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

Name Rickie L. Pelle

Title Director, Environmental Services

Phone 319.295.5710

Fax 319.295.3437

E-mail rlpelle@collins.rockwell.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?

Manufacture advanced communication and aviation electronics for military markets and for aircraft manufacturers and airlines. The primary focus is GPS products, printed circuit board assemblies, and microelectronic components.

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
3669 3812

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)?

If yes, list in the right-hand column.

☒ Yes ☐ No

IAD981702673

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?

The Coralville facility operates 3 shifts with a total of 725 employees and is the primary warehouse location for Rockwell Collins, in addition to being the Collins center of excellence for microelectronics production.

Coralville Operations was among the first of the Rockwell Collins facilities to implement a robust recycling and reuse program for packaging materials. The program was developed and implemented in 1991 with full support of the local union (IBEW). Facility management demonstrates commitment to environmental programs by the resources (human and financial) allocated for recycling and maintenance of their environmental management system in conformance to the ISO 14001 standard.

Coralville Operations has also invested heavily in the Rockwell Collins Lean Electronics Initiative, developed to eliminate all types of waste throughout the organization. While the initial focus of Lean Electronics was process changes (e.g., streamlining flow and throughput in the factory), no function or department is immune to undergoing evaluation for optimizing. Lean events in Coralville have resulted in purchase of solder dross recycling equipment and switching from a spray

conformal coat machine to a computerized conformal coat process. Both of these changes were made to satisfy financial business requirements – reduction in material use – but both had significant positive impacts on the environment, as well.

Coralville is currently developing emission limitations to enable classification as a synthetic minor air source for exemption from the Title V program. This action, too, demonstrates management's commitment to environmental performance improvement.

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
Emission of VOCs (Post Coat)	4.66	tons/yr HAP/VOC (1999)	2.02	tons/yr HAP/VOC

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

Toluene, xylene, and Humiseal usage in Post Coat was reduced 46%, 87%, and 51%, respectively.

ii. How did you achieve this improvement?

Eliminated a conformal coat process that was only 30% efficient.

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
Total Materials Use (solder)	11,500	lbs	2,400	lbs (YTD)

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

We anticipate using 3,200 pounds of solder through the end of September 2000, which represents a 72% decrease in solder use at Coralville compared to FY 1998 and a 13% reduction from 1999. In FY 1999, we used 3,675 pounds – a 68% reduction from 1998.

ii. How did you achieve this improvement?

We made a capital investment in solder dross recycling equipment in 1998.

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? Total Materials Use (Liquid Nitrogen in UPC Area)

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 1.76 SCF/board side (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.	☐ Option A: Absolute value	(Quantity/Units)
	☒ Option B: In terms of units of production or output	0.265 SCF/board side (Quantity/Units)
e. How will you achieve this improvement?	New equipment	

Second aspect you've selected

a. What is the aspect?	Total 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	152,000 lbs (Quantity/Units)
	☐ 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.	☒ Option A: Absolute value	129,075 lbs (Quantity/Units)
	☐ Option B: In terms of units of production or output	(Quantity/Units)
e. How will you achieve this improvement?	Increase adherance to existing recycling/reuse program.	

Third aspect you've selected

a. What is the aspect?	Total Water Use (DI water in water wash process)
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 — 37,500 gallons (Quantity/Units) ☐ 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.	☒ Option A: Absolute value — 18,750 gallons (Quantity/Units) ☐ Option B: In terms of units of production or output — (Quantity/Units)
e. How will you achieve this improvement?	DI water wash will be changed out at a reduced frequency.

Fourth aspect you've selected

a. What is the aspect?	Total Materials Use (ESD containers)
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 — 322,641 pieces (Quantity/Units) ☐ 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.	☒ Option A: Absolute value — 287,151 pieces (Quantity/Units) ☐ Option B: In terms of units of production or output — (Quantity/Units)
e. How will you achieve this improvement?	Increase reuse of ESD containers, to be tracked through purchase records.

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?

In 1999, we communicated with the Mayor in writing to inform the City of Coralville of our environmental programs and to ensure the community knew how to reach us if there were any environmental concerns about our operations.

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

The mechanism started in 1999 (see #1 above) will be continued in 2000 by forwarding a copy of the Rockwell Collins Environmental Report to the Mayor, with a summary of Coralville's environmental improvements.

In addition, environmental, safety and health information is available in our reception area for the public and our facility visitors upon request.

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

☐ Website www.collins.rockwell.com

☐ Newspaper

☐ Open Houses

☒ Other

The report will be forwarded to the Mayor and to the public library. It will also be available at our reception area upon request of the public and our facility visitors.

The Rockwell Collins Environmental Report will be expanded to include summaries of the performance of all NEAT program facilities. This report will be available through our public web site, which is currently undergoing redesign.

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	Iowa City Area Development Group	Joe Raso, President	319.354.3939
State/Local Regulator	Coralville Fire Department	Terry Sesker, Chief	319.351.1647
Other community/local reference	Iowa State Legislature	Senator Robert Dvorsky	319.625.2650 Ext 125

Section E

Application and Participation Statement.

On behalf of Coralville Operations
[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 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 Wayne E. Flory / November 15, 2000

Printed Name/Title Wayne E. Flory/Director, Manufacturing Operations

Facility Name Coralville Operations

Facility Street Address 2855 Heartland Drive
Coralville, IA 52241

Facility ID Numbers IAD981702673

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: Rockwell Collins Coralville Operations

Facility Location: Coralville, Iowa

Facility ID Number(s): IAD981702673
(attach additional sheets if necessary)

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

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

13. _____ G

Rockwell Collins Coralville

14. _____ G

Hazardous Waste Management Regulations

1. Identification and Listing of Hazardous Waste (40 CFR 261) G
   - Characteristic Waste G
   - Listed Waste G
2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262) G
   - Manifesting G
   - Pre-transport requirements G
   - Record keeping/reporting G
3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263) G
   - Transfer facility requirements G
   - Manifest system and record-keeping G
   - Hazardous waste discharges G
4. Standards for Owners and Operators of TSD Facilities (40 CFR 264) G
   - General facility standards G
   - Preparedness and prevention G
   - Contingency plan and emergency procedures G
   - Manifest system, Record keeping and reporting G
   - Groundwater protection G
   - Financial requirements G
   - Use and management of containers G
   - Tanks G
   - Waste piles G
   - Land treatment G
   - Incinerators G
5. Interim Status Standards for TSD Owners and Operators (40 CFR 265) G
6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267) G
7. Administered Permit Program (Part B) (40 CFR 270) G

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

8. Land Disposal Restrictions G
9. Universal Waste G

Hazardous Materials Management

Rockwell Collins Cedarville

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

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

6. _____ G

7. _____ G

Solid Waste Management

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

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

6. _____ G

7. _____ G

Water Pollution Control Requirements

1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112) G
2. Designation of Hazardous Substances (40 CFR 116) G
3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117) G
4. NPDES Permit Requirements (40 CFR 122) G
5. Toxic Pollutant Effluent Standards (40 CFR 129) G
6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403) G
7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414) G

Rockwell Collins Coralville

8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415) G
9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416) G
10. Water Quality Standards G
11. Effluent Limitations for Direct Dischargers G
12. Permit Monitoring/Reporting Requirements G
13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants G
14. Collection, Handling, Processing of Sewage Sludge G
15. Oil Discharge Containment, Control and Cleanup G
16. Standards Applicable to Indirect Discharges (Pretreatment) G

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

17. _____ G

18. _____ G

Drinking Water Regulations

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

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

7. _____ G

8. _____ G

Toxic Substances

1. Manufacture and Import of Chemicals, Record keeping and Reporting

Coralville

Requirements (40 CFR 704) G

2. Import and Export of Chemicals (40 CFR 707) G
3. Chemical Substances Inventory Reporting Requirements (40 CFR 710) G
4. Chemical Information Rules (40 CFR 712) G
5. Health and Safety Data Reporting (40 CFR 716) G
6. Pre-Manufacture Notifications (40 CFR 720) G
7. PCB Distribution Use, Storage and Disposal (40 CFR 761) G
8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762) G
9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775) G

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

10. _____ G

11. _____ G

Pesticide Regulations

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

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

9. _____ G

10. _____ G

Environmental Clean-Up, Restoration, Corrective Action

1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) *(identify)*

_____ G

_____ G

Hoover Collins

Coralville

2. RCRA Corrective Action *(identify)*

_____ G

_____ G

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

3. _____ G

4. _____ G