



Annual Performance Report

OMB No. 2010-0032
Expiration Date: 06/30/03

Facility Name: Grundfos Pump Manufacturing Corporation
Performance Track ID #: A090025
Annual Performance Report #: 1
Reporting Year: 2001
Due Date: 07/01/2002

Section A. General Facility Information

Please supply or revise information in A.1 – A.8 as is necessary to ensure that it is accurate, complete, and up-to-date. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

A.1 Name of your facility: Grundfos Pump Manufacturing Corporation

A.2 Name of your parent company: The Grundfos Group

A.3 Facility contact person for the Performance Track program:

Name: Mr. Malcolm Montgomery
Title: Environmental and Safety Coordinator
Phone: (559) 292-8000
Fax: (559) 292-2891
E-mail: mmontgomery@us.grundfos.com

A.4 Facility's location

Street Address: 5900 East Shields Avenue

Address (cont.):

City: Fresno

State: CA

Zip Code: 93727

A.5 Facility's Website address (if any):

www.us.grundfos.com

A.6 Number of employees (full-time equivalents) who currently work in the facility:

100-499

A.7 Does your company meet the Small Business Administration definition of a small business for your sector?

No

A.8 North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility:

333911

A.9 In your application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any (additional) changes to your facility's list of products and/or activities? If so, please list them here:

No

A.10 Please update the list of environmental requirements that apply to your facility by listing any changes that have taken place during this reporting period. If you have no changes to report, please enter "No changes".

No changes.

**Section B.
Environmental Management System**

B.1 Environmental Management System Assessment. Please summarize EMS assessments conducted during the year.

a. Was an EMS audit or other assessment done by an independent third party?

Yes

If yes, please provide the type (e.g., ISO 14001 certification), the scope, and the dates (mo/yr) of each assessment.

Type	Scope	Dates (mo/yr)
ISO 14001 Certification	Complete review of our Environmental Management System, including policy, procedures, practices and continuous improvement activities.	06/13/2002

b. Was an internal or corporate EMS audit conducted? Yes

If yes, please provide the scope and dates (mo/yr) of each audit.

Scope	Date (mo/yr)
A complete review of the environmental management system and sharing of best practices was conducted by a Group Auditor in accordance with established auditing standards.	12/14/01

c. Was a compliance audit conducted?

Yes

If yes, please provide the scope and the dates (mo/yr) of each audit, and indicate who conducted the audit(s) (e.g., facility staff, corporate groups, third party).

Scope	Dates	Who conducted the audit
Review of Environmental Management System for compliance with ISO 14001 requirements	04/25/01	Internal Quality Auditor
Review of Storm Water Pollution Prevention Plan and implementation of Best Management Practices.	06/2001	EH&S Coordinator

d. (Optional) If you would like to describe any other audits or inspections that were conducted at your facility, please do so here.

Review of hazardous waste management practices including review of transporter records, hazardous waste manifests, inspections, labeling requirements and waste storage areas was conducted as part of our NSAI audit in June of 2001.

Weekly compliance audits are conducted by the EH&S Coordinator on all hazardous waste satellite accumulation sites and main waste storage area.

Monthly compliance audits are conducted by the EH&S Coordinator on all permitted air emission units and water discharge

sources.

e. Briefly summarize corrective actions taken and other improvements made as a result of your EMS assessments and compliance audit

Revised the Target & Objectives section in the Environmental Manual to provide clear direction to related EMS objective/target procedures and, as needed other sections in the Environmental Manual to ensure clear direction is provided in the applicable procedures. Conducted environmental assessments on general product lines and general facility operations. Developed a controlled Work Instruction for the proper labeling of satellite hazardous waste accumulation drums. Updated the Emergency Evacuation and Fire Safety portion of the Injury, Illness Prevention Plan (IIPP) for Grundfos-Fresno facility, which clarified roles and responsibilities of designated individuals. Provided and document training to employees and designated evacuation coordinators and updated and dated evacuation maps located throughout the facility. Reviewed records pertaining to hazardous waste haulers to ensure that copies of current permits are on-hand.

f. Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?

Yes

If no, please explain your plans to correct these instances.

g. When was the last Senior Management review of your EMS completed?

08/01

Who headed the review? Name: Mr. John Maxwell **Title:** Vice President

B.2 ISO 14001 Certification. Is your facility currently certified to ISO 14001?

Yes

B.3 Environmental Aspects Identification. When did your facility last conduct a systematic identification and/or review of your environmental aspects?

05/01

B.4 Progress Toward Achieving Objectives and Targets. In the table below, please provide a narrative summary of progress made toward EMS objectives and targets. You may limit the summary to environmental aspects that are *significant* and towards which progress has been made during the *reporting year*. In cases where *progress* relates specifically to a Performance Track performance commitment, complete the Environmental Aspect column, but in the *Progress* column simply refer to the performance commitment tables in Section C, i.e. "See Section C."

<i>Environmental Aspect</i>	<i>Progress Made This Year</i> (e.g., quantitative or qualitative improvements, activities conducted)
Chemical Waste Reduction	See Section C
Chemical Usage	See Section C
Energy Usage	See Section C
General Waste Reduction	See Section C

**Section C.
Environmental Performance Commitments**

Please use the tables below to summarize your facility's environmental performance against your Performance Track performance commitments. Complete only those boxes related to the baseline, current year, and performance commitment.

C.1 Performance Commitment 1

a. Use this table to report data related to your first performance commitment.

Category:	Waste				
Aspect :	Hazardous Solid Waste				
	Aspect Specifics (Optional):				
	Baseline (as stated in your application)	Year 1	Year 2	Year 3	Performance Commitment (the goal stated in your application)
Calendar Year	1999	2001	2002	2003	2003
Actual Quantity (per year)	10	3.75			Optional:1
Measurement Units	tons				
Normalizing Factor	1.0	1			Optional: 1
Basis for your Normalizing Factor	Production has remained flat				
Normalized Quantity* (per year)	10	3.8			2.47
*Calculated for you					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Achieved and exceeded the 2000 goal by 43%. Focusing on waste stream segregation and working with waste disposal facilities to indentifying additional recycling options versus strict disposal. Recommendation was to adjust the 2001 goal to match the 2000 actual. A recommendation not to lower it further was based on 3 main reasons: 1. the project to reduce the total number of chemicals used on-site will generate waste, 2. anticipating an increase in product through the ECoat process resulting in more corrosive waste generation, and 3. increased employee awareness regarding the proper disposal of oil-contaminated debris.

If you have additional information that you would like to include please attach it here:

Any attachments will be located at the end of the report.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g. Energy Star, Project XL).

None currently.

C.2 Performance Commitment 2

a. Use this table to report data related to your second performance commitment.

Category :	Materials Use				
Aspect :	Hazardous Materials Use				
	Aspect Specifics (Optional):				
	Baseline (as stated in your application)	Year 1	Year 2	Year 3	Performance Commitment (the goal stated in your application)
Calendar Year	1999	2001	2002	2003	2003
Actual Quantity (per year)	330	267			Optional: 209
Measurement Units	tons				
Normalizing Factor	1.0	1			Optional:1
Basis for your Normalizing Factor	Reduction is on number of chemicals used on site, NOT the tons reduced.				
Normalized Quantity* (per year)	330	267			209
*Calculated for you					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

The commitment originally stated in the initial application has been revised from a goal of 165 chemicals to 209 chemicals due to production needs and the addition of new product lines. A 12% reduction in chemicals was achieved due to the time required with reviewing the chemical use process. The CERTS team (Chemical Evaluation, Reduction Through Standardization) is developing a process to reduce the number of chemicals and implementing a process to control chemical usage throughout the facility. No changes recommended to the 2002 target.

Attach:

Any attachments will be located at the end of the report.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g. Energy Star, Project XL).

None at this time.

C.3 Performance Commitment 3

a. Use this table to report data related to your third performance commitment.

Category :	Energy Use				
Aspect :	Total Energy Use				
	Aspect Specifics (Optional):				
	Baseline (as stated in your application)	Year 1	Year 2	Year 3	Performance Commitment (the goal stated in your application)
Calendar Year	1999	2001	2002	2003	2003
Actual Quantity (per year)	8400000	5288639			Optional: 7800000
Measurement Units	KwH				
Normalizing Factor	1.0	1			Optional:1
Basis for your Normalizing Factor	Production has remained flat				
Normalized Quantity* (per year)	8400000	5288639			7800000
*Calculated for you					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

The values submitted in the initial application were on a per month basis. The data has been recalculated to give a yearly reduction goal based on the original per month value.

The 2001 target was achieved due to an aggressive energy conservation effort, which included: Changing production hours, Replacing high bay lighting with energy efficient T-5 lights, and Reduction in the use of air conditioning units throughout the facility. The Management team requested that this objective continue and that a new reduction target of 5% of the 2001 usage be established for 2002 (reduce to 5,024,207 KWh)

Attach:

Any attachments will be located at the end of the report.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g. Energy Star, Project XL).

C.4 Performance Commitment 4

a. Use this table to report data related to your fourth performance commitment.

Category :	Waste				
Aspect :	Total Solid Waste				
	Aspect Specifics (Optional):				
	Baseline (as stated in your application)	Year 1	Year 2	Year 3	Performance Commitment (the goal stated in your application)
Calendar Year	1999	2001	2002	2003	2003
Actual Quantity (per year)	272900	133440			Optional: 136450
Measurement Units	lbs				
Normalizing Factor	1.0	1			Optional:1
Basis for your Normalizing Factor	Production has remained flat				
Normalized Quantity* (per year)	272900	133440			136450
*Calculated for you					

b. Briefly describe how you achieved improvements for this aspect or, if relevant, any circumstances that delayed progress.

Due to a change in business software, we are currently unable to obtain the same data used for the quantity/units used in the initial application. The units are based on total pounds disposed. The 2001 target was achieved and exceeded by increased awareness and the formation of an employee recycling team and the segregation of recyclable materials from the general waste. The overall target is within reach and should be achieved in 2002 with the addition of Styrofoam waste stream from the small CR line to the on-going recycling process. No changes recommended to the 2002 target.

Attach:

Any attachments will be located at the end of the report.

c. Please list any other EPA voluntary programs to which you are also reporting these data (e.g. Energy Star, Project XL).

**Section D.
Public Outreach and Performance Reporting**

D.1 Please briefly summarize the public outreach and reporting activities that your facility has conducted during the year. Feel free, but not obligated, to attach supporting materials (e.g., meeting agendas, public announcements).

Grundfos was asked by the local stormwater protection agency to participate in a Best Managements Practices for Industry seminar and to give an overview of Grundfos's efforts in this area.

Attachment:

Any attachments will be located at the end of the report.

D.2 Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Report available to the public. Please check as many as appropriate.

Web Site
Other

URL: www.us.grundfos.com

Other: Available to citizens/businesses upon request

**Section E.
Self-Certification of Continued Program Participation**

On behalf of **Grundfos Pump Manufacturing Corporation,**
(name of my facility)

I certify that

- I have read and agree to the terms and conditions as specified in the *National Environmental Performance Track Program Guide*. This facility, to the best of my knowledge, continues to meet all program criteria;

- I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;

- My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, 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 assessments 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 Environment Performance 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 manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date

Printed Name

Mr. David Mortensen

Title

Corporate Secretary/Treasurer

Phone Number

559-292-8000

E-mail Address

Facility Name

Grundfos Pump Manufacturing Corporation

Facility Street Address

5900 East Shields Avenue

Fresno, CA 93727

Performance Track ID#

A090025

Appendix:**Do you want to add Appendix?****When adding additional comments, please refer to question number.****Comments:****Attachment:**

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection information is estimated to average 188 hours per respondent annually. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number.

Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.