



Annual Performance Report Form

Facility Name: Chicago White Metal Casting

Performance Track ID #: A050010

Annual Performance Report #: 1

Reporting Year: 2001

Due Date: July 1, 2002

Section A

General Facility Information

To the extent possible, EPA will pre-complete items A.1-A.8 for you. Please ensure that the information in A.1-A.8 below is accurate, complete, and up to date. Please supply or revise any information as necessary and then check the box to the left of the item(s) to indicate where changes have been made. Items A.9 and A.10 cannot be pre-completed; please respond as directed in A.9 and A.10 below.

Did you make changes? If so, check box.

- A.1 Name of your facility: Chicago White Metal Casting
- A.2 Name of your parent company: N/A
- A.3 Facility contact person for the Performance Track program
Name: Mr./Mrs./Ms./Dr. Mr. Eric Treiber
Title: Client Services Manager
Phone: 630-595-4424 Fax: 630-595-4474 E-mail: etreibe@cwmtl.com
- A.4 Facility's location
Street Address: Route 83 & Fairway Drive
Street Address (cont.):
City/State/Zip Code: Bensenville, IL 60106
- A.5 Facility's website address (if any): www.cwmtl.com
- A.6 Number of employees (full-time equivalents) who currently work in the facility:
 Fewer than 50 50 - 99 100 - 499 500 - 1000 More than 1000
- A.7 Does your company meet the Small Business Administration definition of a small business for your sector? Yes No
- A.8 North American Industrial Classification System (NAICS) Code(s) that are used to classify business at the facility: 331521
- 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 in the space below. Yes No
- A.10 Please update the list of environmental requirements that apply to your facility. In the space below, indicate any changes that have taken place during this reporting period. If you have no changes to report, please write "No changes."
No Changes

Section B

Environmental Management System

B.1 Environmental Management System Assessment. Please summarize EMS assessments conducted *during the year*. Attach additional sheets as necessary.

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

Yes No

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

ISO 14001, 3-year re-certification audit, covering all aspects of the standard, performed by QMI of Canada on 12/4 - 12/6 of 2001.

b. Was an internal or corporate EMS audit conducted? Yes No

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

c. Was a compliance audit conducted? Yes No

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).

Quality Technology Company of Schaumburg, IL performed an audit of our ISO 14001 program on 9/26 - 9/27 of 2001.

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

Section B

(continued)

B.1

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

Three minor non-conformances resulted from our audit by QMI. They were in the following areas:

- 1.) 4.4.2 - Subcontractor Training
- 2.) 4.4.7 - Emergency Preparedness and Response
- 3.) 4.5.1 - Monitoring and Measurement

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

Yes No No such instances identified

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

g. When was the last Senior Management review of your EMS completed? *mo/yr* May 20, 2002

Who headed the review?

Name: Mr./Mrs./Ms./Dr. Mr. John Rosinski

Title: Capital Projects Manager

Section B

(continued)

B.2 ISO 14001 Certification. Is your facility currently certified to ISO 14001? Yes No

B.3 Environmental Aspects Identification. When did your facility last conduct a systematic identification and/or review of your environmental aspects? *mo/yr* October, 2001

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." Attach additional sheets as necessary.

<i>Environmental Aspect</i>	<i>Progress Made This Year</i> (e.g., quantitative or qualitative improvements, activities conducted)		
Total Solid Waste:		Goal	Actual
Magnesium Dross Reduction	1999 -	4.10%	3.98 %
	2000 -	3.28 %	2.60 %
	2001 -	2.62 %	3.00 %
Total Water Use:			
Wastewater Discharge	See Section C		
Total Solid Waste:		Corrugated	Office Paper
Paper and Corrugated Recycling	1999 -	42,750 lbs.	20,357 lbs.
	2000 -	44,250 lbs.	18,793 lbs.
	2001 -	21,000 lbs.	19,220 lbs.
Total Solid Waste:			
Recycling Wood Pallets	1999 -	1,683 wood pallets recycled	
	2000 -	1,121 wood pallets recycled	
	2001 -	1,367 wood pallets recycled	
Total Solid Waste:			
Recycling Hydraulic Fluid	1999 -	1,890 Gallons recycled	
	2000 -	1,668 Gallons recycled	
	2001 -	2,585 Gallons recycled	
Emissions of Ozone Depleting Gases	See Section C		

Section C

Environmental Performance Commitments

Please use the tables on pages 6-9 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. If any of the boxes have been pre-completed for you, please verify the information. If you find information that is incorrect, cross it out and write in the correct information. **Leave blank any columns for future reporting years.**

C.1

Performance Commitment 1

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

Category (see page 16 of the instructions): Water Use					
Aspect (see page 16 of the instructions): Total Water Use					
	<i>Baseline</i> <i>(as stated in</i> <i>your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance</i> <i>Commitment</i> <i>(the goal stated</i> <i>in your</i> <i>application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity</i> <i>(per year)</i>	360,000	167,000			(optional)
<i>Measurement Units</i>	Gallons				
<i>Normalizing</i> <i>Factor*</i>	1.0	.75			(optional)
<i>Basis for your</i> <i>Normalizing Factor*</i>	Pounds of metal shipped and hours of operation				
<i>Normalized Quantity*</i> <i>(per year)</i>	360,000	223,000			60,000 Gallons/yr.
*See pages 17-19 of the instructions for more information					

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

The addition of robotics in our aluminum die casting dept. has reduced the usage of water quench pits

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

Section C

(continued)

C.2 Performance Commitment 2

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

Category (see page 16 of the instructions): Air Emissions					
Aspect (see page 16 of the instructions): Emissions of Ozone Depleting Gases (SF6 Gas Reduction)					
	<i>Baseline</i> <i>(as stated in</i> <i>your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance</i> <i>Commitment</i> <i>(the goal stated</i> <i>in your</i> <i>application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity</i> <i>(per year)</i>	3,455	2,660			(optional)
<i>Measurement Units</i>	Pounds				
<i>Normalizing</i> <i>Factor*</i>	1.0	1.0			(optional)
<i>Basis for your</i> <i>Normalizing Factor*</i>	Hours of operation for furnaces				
<i>Normalized Quantity*</i> <i>(per year)</i>	3,455	2,660			0 pounds emitted/yr.
*See pages 17-19 of the instructions for more information					

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

We reduced the percentage mixture rate of SF6 to air down to .43% from .53%.

Regarding our baseline qty. of 3,455 lbs., this is different from our estimated baseline of 2,600 lbs. used when completing our application, because it was an estimate at that time.

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

This data is being reported to the EPA's Voluntary SF6 Emissions Reduction Partnership Program.

Based on input from this program, we would like to modify our performance commitment goal. It will not be possible to eliminate usage within 3 years. Instead, we would like to reduce usage by 10%/year on average.

Section C

(continued)

C.3 Performance Commitment 3

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

Category (see page 16 of the instructions): Waste					
Aspect (see page 16 of the instructions): Total Solid Waste (Plastic Stretch Film)					
	<i>Baseline (as stated in your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance Commitment (the goal stated in your application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity (per year)</i>	1,541	0 pounds			(optional)
<i>Measurement Units</i>	Pounds				
<i>Normalizing Factor*</i>	1.0	.520			(optional)
<i>Basis for your Normalizing Factor*</i>	Pounds of Die Castings Shipped to Customers				
<i>Normalized Quantity* (per year)</i>	1,541	0 pounds			0 pounds waste/yr.
*See pages 17-19 of the instructions for more information					

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

Number of pounds recycled was at approximately 50% of the previous year due to the economic business downturn which directly affects this recycled item.

Regarding our baseline of 1,541 lbs., it differs from our baseline of 2,500 lbs. noted in our application because that was an estimate. Actual data ended up at 1,541 lbs. On 23/Oct/02 we made an update to this performance commitment based on discussions w/Mark Messersmith. The normalized quantity for Year 1 should be 0 pounds because all plastic stretch film was kept out of the waste stream as a result of our recycling efforts.

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

Section C

(continued)

C.4 Performance Commitment 4

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

Category (see page 16 of the instructions): Materials Use					
Aspect (see page 16 of the instructions): Total Materials Use (Recyclable Magnesium Alloy)					
	<i>Baseline</i> <i>(as stated in</i> <i>your application)</i>	<i>Year 1</i>	<i>Year 2</i>	<i>Year 3</i>	<i>Performance</i> <i>Commitment</i> <i>(the goal stated</i> <i>in your</i> <i>application)</i>
<i>Calendar Year</i>	2000	2001			2003
<i>Actual Quantity</i> <i>(per year)</i>	197,340 lbs.	104,209 lbs.			(optional)
<i>Measurement Units</i>	Pounds				
<i>Normalizing</i> <i>Factor*</i>	1.0	.622			(optional)
<i>Basis for your</i> <i>Normalizing Factor*</i>	Pounds of magnesium processed per year				
<i>Normalized Quantity*</i> <i>(per year)</i>	197,340 lbs.	167,538 lbs.			149,500 lbs.
*See pages 15-17 of the instructions for more information					

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

Improvements were realized due to the introduction of a new technology in magnesium die casting which reduces the amount of recyclable material created with every shot (casting) produced.

Our baseline data in our application differs from the data in this report because it was requested that we modify our reporting methodology to show actual pounds of material used

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).

- 1.) Twice annually we provide an analysis for our discarded process water to our local POTW.
- 2.) Quarterly EMS meeting notes are posted in our visitor lobby.
- 3.) A copy of our Emergency Response Plan is on file with our local fire dept.
- 4.) Our website has a link to the NEPT website
- 5.) SF6 gas usage is reported annually to the International Magnesium Association.

D.2

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

- Website (URL www.cwmtl.com)
- Open House
- Meetings
- Press Releases
- Community Advisory Panel
- Other Quarterly Company Newsletter

Section E

Self-Certification of Continued Program Participation

On behalf of Chicago White Metal Casting,
(name of my facility)

I certify that

- ◆ I have read and agree to the terms and conditions 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; and
- ◆ 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 Environmental 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./Mrs./Ms./Dr.Mr. Eric W. Treiber

Title Client Services Manager

Phone Number/E-mail Address 630-595-4424/etreibe@cwmtl.com

Facility Name Chicago White Metal Casting

Facility Street Address Route 83 & Fairway Drive, Bensenville, IL 60106

Performance Track Identification Number A050010

Paperwork Reduction Act Notice

The public reporting and recordkeeping burden for this collection of 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.