



INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (R3 / 1-11)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management
Office of Pollution Prevention and Technical Assistance
MC 64-00, Room IGCS W041
100 North Senate Avenue
Indianapolis, IN 46204-2251
Telephone: (800) 988-7901
FAX: (317) 233-5627
E-mail: esp@idem.in.gov

Please use this form if you are a member of the Indiana Environmental Stewardship Program (ESP) to report on progress toward objectives and targets AND certify ESP requirements continue to be achieved. Indiana ESP facilities must submit an Annual Performance Report (APR) by April 1st of every year, for each calendar year in which the entity has been a member for at least three (3) full months. Section C of your APR should be signed by your ISO 14001:2004 EMS Lead Auditor. Your APR should be reviewed and signed by a senior manager at your facility prior to submittal. Once signed, e-mail the APR to IDEM at esp@idem.in.gov. Please do not include any confidential business information in your annual performance report. Public access laws require IDEM to make the APR publicly available, which may include posting all portions of your report on the Indiana ESP Web site. If you have any questions, please contact IDEM at esp@idem.in.gov or (800) 988-7901.

SECTION A		FACILITY INFORMATION	
Name of facility		Mitsubishi Climate Control	
Name of parent company (If applicable)		Mitsubishi Heavy Industries LTD	
Street address (number and street)		1200 North Mitsubishi Parkway	
City / State / ZIP code		Franklin Indiana 46131	
Web site of Facility/Company		WWW.MHICC.COM	
		CONTACT INFORMATION	
Name of Contact (Mr. / Mrs. / Ms. / Dr.)		MR. Kent M. Smith	
Title		Sr. Manager of Environmental and Maintenance	
Telephone number		317-346-5058	
FAX number		317-738-4292	
E-mail address		Kents@mhicc.com	
Mailing address (if different from facility address)		Same	
City / State / ZIP Code		Same	
		REPORTING PERIOD	
Reporting period dates (month, day, year)		1/01/11-12/31/11	
1a Is this the third Annual Performance Report of your membership term?		<input type="checkbox"/> Yes—If yes, answer question 1b. <input checked="" type="checkbox"/> No—If no, skip to the "Change in Information" section of this report.	
1b Do you wish to renew your Indiana Environmental Stewardship Program membership?		<input type="checkbox"/> Yes—If yes, please complete all sections of this annual report. <input type="checkbox"/> No—If no, please complete all sections of this annual report except for Section F.	
		CHANGE IN INFORMATION	
In your ESP application and, perhaps, in previous annual performance reports, you described what your facility does or makes. Have there been any changes or additions to your facility's list of products or activities?		<input type="checkbox"/> Yes—If yes, please describe them: <input checked="" type="checkbox"/> No	
SECTION B		PUBLIC OUTREACH AND PERFORMANCE REPORTING	
Why do we need this information? IDEM needs to know how environmental information was shared with the public.		What do you need to do? Describe how the facility has shared and plans to share environmental information.	
Please briefly describe the activities that your facility conducted during this reporting period to interact with the community on environmental issues and to report publicly on its environmental performance. Changing out T-12 Bulbs with LED or T-8 bulbs to save energy			
Please indicate which of the following methods your facility plans to use to make its ESP Annual Performance Report available to the public. Please check as many as appropriate.			
<input checked="" type="checkbox"/> Web site (http://www.mhicc.com) <input type="checkbox"/> Open house <input type="checkbox"/> Meetings <input type="checkbox"/> Press releases <input checked="" type="checkbox"/> Other News letters to City of Franklin			

SECTION C

ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT

Why do we need this information?

Facilities need to have implemented an EMS that meets certain criteria and use an ISO 14001:2004 EMS Lead Auditor at least every 36 months to assess the EMS.

What do you need to do?
Answer the following questions
about your EMS.

2. What is the most recent date that an ISO 14001:2004 EMS Lead Auditor performed an EMS assessment at your facility? 4/14/11 and 3/15/12

3. Is the date of the most recent EMS assessment performed by an ISO 14001:2004 EMS Lead Auditor within the past 36 months?

Yes—If yes, skip to Question 3.

No—If no, please have your ISO 14001: 2004 EMS Lead Auditor complete and sign the following checklist, indicating whether or not your EMS meets the listed criteria for ESP membership:

Yes No Evidence of senior management support, commitment, and approval.

Yes No A written environmental policy directed toward compliance, pollution prevention, and continuous improvement.

Yes No Identification of the environmental aspects at the entity.

Yes No Prioritization of the environmental aspects and a determination of those aspects deemed significant considering, at the minimum, environmental impacts and applicable laws and regulations.

Yes No Established priorities, and environmental objectives and targets for continuous improvement in environmental performance and for ensuring compliance with applicable environmental laws, regulations, and permit conditions. Objectives and targets must go beyond current legal requirements and specify the environmental media, types of pollution to be prevented or reduced, implementation activities, and projected time frames.

Yes No An established community outreach mechanism that includes identifying and responding to community concerns; informing the community of important matters that affect the community; and reporting on the EMS, including reporting to the public on the environmental policy and significant aspects.

Yes No Incorporation of environmental and pollution prevention planning in the development of new products, processes, and services and modifications of existing processes.

Yes No Evidence of clear responsibility for implementation, training, monitoring, EMS maintenance, taking corrective action, and ensuring compliance with applicable environmental laws, regulations, and permit conditions.

Yes No Documentation of the implementation procedures and the results of implementation.

Yes No Appropriate written EMS procedures.

Yes No An annual evaluation of the EMS with written results provided to senior management and affected employees.

See attached Signature Page by EMS Lead Auditor 3-15-2012

Signature of ISO 14001:2004 EMS Lead Auditor _____ Date (month, day, year)

4. Were any deficiencies found during the most recent EMS assessment?

No—If no, skip to Question 4.

Yes—If yes, describe any deficiencies found and the corrective action taken to address each deficiency: See attached sheet A

5. Name, title, and organization of ISO 14001:2004 EMS Lead Auditor that conducted the most recent EMS assessment: BSI

6. What type of protocol was used to perform the independent EMS assessment?

ISO 14001:2004 Certified audit

Responsible Care EMS audit

Responsible Care 14001 audit

ESP Independent Assessment Protocol

Other (please specify):

7. Is the EMS certified to a recognized standard?

Yes—If yes, what standard does the EMS follow (please provide a copy of the most recent certificate)?

ISO 14001:2004

Responsible Care EMS

Responsible Care 14001

No.

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

Month / Year: 12/2011

Who headed the review (name and title)? Mr.Ukai President of MCC

Assessment Report

MHI Climate Control, Inc.

Headquarters & Production Facility



Report Author

Thomas Ollier Jr

Visit Start Date

03/15/2012



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Visit Receipt & A7 Coversheet

SMO	Functional Location	SAP Material
7342777	0047130960-000	200470460

Please sign below to acknowledge receipt of the assessment visit described in this report.

Signature: Kent Smith Date: 3-16-12

Print name: KENT SMITH

BSI signature: Thomas K. O'Neil Date: 3-16-12

Print name: THOMAS K. O'NEIL JR

When did your facility last conduct an internal or corporate environmental compliance audit? Do not include inspections or site visits by regulatory organizations.
 Scope of the compliance audit: Review Legal and other Requirements
 Month(s) / Year(s): April 2011
 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Third Party August Mack

Explain the emergencies experienced within the facility during the past year. Were the applicable emergency and contingency plans detailed in the EMS effective? What changes, if any, have been made to your facility's emergency or contingency plans?
 EMS plan changes were only for emergency response team members due to new shifts implemented. Emergency drills were conducted

Has your facility corrected all instances of potential environmental non-compliance and EMS non-conformance identified during your audits and other assessments?
 Yes—If yes, briefly summarize corrective actions taken and other improvements made as a result of your EMS assessment(s) or compliance audit(s).
Corrective action were identified and entered in to corrective action system and then closed. Root cause, long term and short term
 No—If no, please explain your plans to correct these instances. _____
 No such instances identified. _____

(Optional) Please provide a narrative summary of progress made toward EMS objectives and targets other than those reported as an Environmental Performance Initiative in Section E. You may limit the summary to environmental aspects that are *significant* and towards which *progress* has been made during the last calendar year. Attach additional sheets as necessary.

Environmental aspect	Progress made this year (e.g., quantitative or qualitative improvements, activities conducted)
Waste materials	98% of waste is recycled or reuse programs

SECTION D ADDITIONAL INFORMATION

Why do we need this information? This information will help IDEM to effectively manage the Environmental Stewardship Program. **What do you need to do?** Answer the questions as completely as possible.

1. In addition to ESP, please list environmental awards received or voluntary programs participated in during the past twelve months.
 None

2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.
 Went from Weekly to Monthly inspections of SPCC and SWPPP plans. Working on MMR and DMR reporting monthly to less frequent.

3. If your facility was not registered to the ISO 14001 standard prior to becoming an ESP member, has ESP helped you to pursue registration? If so, how has ESP been instrumental in achieving registration?
 Registered To ISO-14001:2004 before becoming an ESP member. This happened in 2003

SECTION E ENVIRONMENTAL IMPROVEMENT INITIATIVE RESULTS

Why do we need this information? Facilities need to share the results of the environmental improvement initiative that was pursued during the reporting period. **What do you need to do?** Summarize your facility's progress on achieving the initiative you identified in the application or last year's APR.

Category: <u>Energy Use</u> Indicator: <u>RWH-Electricity</u>	Baseline Quantity	Future Goal Quantity	Current Quantity	Cost Savings
Calendar year	<u>2010</u>	<u>2011</u>	<u>2011</u>	
Actual quantity (per year)	<u>18,730.04</u>	<u>14,047.8</u>	<u>10,400</u>	<u>4833.04 plus REMC/HOOPER ENERGY REBATE FOR ENERGY SAVINGS OF \$838.00</u>
Normalized quantity (per year)	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	
Basis for your normalizing factor (e.g., gallons of paint produced)	<u>N/A</u>			
Measurement unit (e.g., pounds)				

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

Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL).
REMC REBATE PROGRAM TO CONSERVE ENERGY

(Optional) If your facility has experienced continued results for environmental improvement initiatives pursued in past years of ESP membership, please share those results here.

SECTION F

ENVIRONMENTAL IMPROVEMENT INITIATIVE

What do you need to do?

Why do we need this information?

Facilities need to show they are committed to improving their environmental performance.

Refer to the Environmental Performance Table and answer the following questions.

Select the appropriate boxes in the following table to indicate the category and indicator(s) that represents the environmental improvement initiative selected by your facility. For the category and indicator selected, list the **baseline year** (e.g., 2009) and the **future year** (e.g., 2010). Next, list the **baseline annual quantity** (e.g., 5 tons) and **future annual quantity** (e.g., 2 tons) you are committing to achieve by the end of the future year.

Category	Indicator	Baseline Year 20 <u>12</u>	Future Year 20 <u>12</u>	Unit	
<input type="checkbox"/> Material Procurement	<input type="checkbox"/> Recycled content			Pounds, tons	
	<input type="checkbox"/> Hazardous/toxic components			Pounds, tons	
<input type="checkbox"/> Suppliers' Environmental Performance	<input type="checkbox"/> Specify indicator: _____			As specified for the particular indicator	
				Pounds, tons	
<input type="checkbox"/> Material Use	<input type="checkbox"/> Materials used			Pounds, tons	
	<input type="checkbox"/> Hazardous materials used			CFC-11 equivalent pounds	
	<input type="checkbox"/> Ozone depleting substances used			Pounds, tons	
	<input type="checkbox"/> Total packaging materials used			Gallons	
<input type="checkbox"/> Water Use	<input type="checkbox"/> Total water used			kWh / MWh, Btu / MMBtu	
	<input checked="" type="checkbox"/> Electricity	<u>127920</u>	<u>110760</u>	kWh / MWh, gallons, ft ³	
<input checked="" type="checkbox"/> Energy Use	<input type="checkbox"/> Steam			Btu / MMBtu	
	<input type="checkbox"/> Natural gas			Gallons	
	<input type="checkbox"/> Diesel			Btu / MMBtu, gallons	
	<input type="checkbox"/> Propane / LPG			Gallons	
	<input type="checkbox"/> Gasoline			kWh / MWh	
	<input type="checkbox"/> Solar			kWh / MWh	
	<input type="checkbox"/> Wind			Btu / MMBtu	
	<input type="checkbox"/> Landfill gas			kWh / MWh, Btu / MMBtu	
	<input type="checkbox"/> Combined heat and power			_____	
	<input type="checkbox"/> Other: _____			_____	
	<input type="checkbox"/> Land and Habitat	<input type="checkbox"/> Land and habitat conservation			Square feet, acres
		<input type="checkbox"/> Community land revitalization			Square feet, acres
<input type="checkbox"/> Air Emissions	<input type="checkbox"/> Total GHGs			MTCO2E	
	<input type="checkbox"/> VOCs			Pounds, tons	
	<input type="checkbox"/> NOx, SOx, PM _{2.5} , PM ₁₀ , or CO			Pounds, tons	
	<input type="checkbox"/> Air toxics			Pounds, tons	
	<input type="checkbox"/> Odor			European Odour Units	
	<input type="checkbox"/> Radiation			Curies, Becquerels	
	<input type="checkbox"/> Dust			Pounds, tons	
<input type="checkbox"/> Discharges to Water	<input type="checkbox"/> COD or BOD			Pounds, tons	
	<input type="checkbox"/> Toxics			Pounds, tons	
	<input type="checkbox"/> Total suspended solids			Pounds, tons of N or P	
	<input type="checkbox"/> Nutrients			Pounds, tons	
	<input type="checkbox"/> Sediment from runoff			MPN/ml, CFU/ml	
<input type="checkbox"/> Non-hazardous Waste <input type="checkbox"/> Hazardous Waste	<input type="checkbox"/> Landfill			Pounds, tons	
	<input type="checkbox"/> Incineration			Pounds, tons	
	<input type="checkbox"/> Reused/recycled off-site			Pounds, tons, gallons	
	<input type="checkbox"/> Other: _____			Pounds, tons, gallons	
<input type="checkbox"/> Noise	<input type="checkbox"/> Noise			dBA	
<input type="checkbox"/> Vibration	<input type="checkbox"/> Vibration			Inches per second	
<input type="checkbox"/> Products	<input type="checkbox"/> Expected lifetime energy use			kWh / MWh, Btu / MMBtu	
	<input type="checkbox"/> Expected lifetime water use			Gallons	
	<input type="checkbox"/> Expected lifetime waste to air, water, or land from product use			Pounds, tons	
	<input type="checkbox"/> Waste to air, water, or land from disposal or recovery			Pounds, tons	

2. What activities or process changes do you plan to undertake at your facility to accomplish your initiative (e.g., technology changes in a particular process line, employee training)?

3. Does this initiative address a significant aspect in your EMS?

Yes

No—If no, please explain why you believe this indicator should be included as an environmental improvement initiative:

Current Fixtures (2 lamp T12)					
Number of Bulbs	Number of Fixtures	Total Watts per Fixture	Total Watts	Hours Per Year	Current Total kW
300	150	164	24600	5200	127920

2012

(Base line KW for two new areas of the plant)

After Changover to (2 Lamp T8)					
Number of Bulbs	Number of Fixtures	Total Watts per Fixture	Total Watts	Hours Per Year	New Total kW
300	150	142	21300	5200	110760

2012

(Future Goal KW for the same above area)

kW savings/yr	17160
Cost savings/yr	\$1,716

REMC Cost KWh
0.1

CERTIFICATION AND PLEDGE

On behalf of (name of facility) MITSUBISHI CLIMATE CONTROL

I certify that the information contained in this Annual Performance Report and attachments is accurate to the best of my knowledge and that this facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with all applicable federal, state, and local environmental requirements, or has a corrective action program in place to attain compliance.

We, MITSUBISHI CLIMATE CONTROL, commit to maintaining the principles and goals outlined in our Environmental Management System for our facility's Indiana Environmental Stewardship Program status. We agree to strive for full compliance with all regulations promulgated by the U.S. EPA, state, or local jurisdictions. We agree to promote the Indiana Environmental Stewardship Program and to share our success stories with other facilities. We understand that the Annual Performance Report must be submitted to IDEM by April 1st of each year and that we must reapply to the Indiana Environmental Stewardship Program every three years.

I understand that the information provided in this Annual Performance Report will be public record. I am the senior facility manager or authorized facility signatory, and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is submitting this Annual Performance Report.

Signature	<u>Kent M. Smith</u>	Title	<u>SR. ENVIRONMENTAL MANAGER</u>	Date (month, day, year)	<u>3-21-12</u>
Printed signature	<u>KENT M. SMITH</u>				