



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 Metaldyne BSM LLC
Name of parent company (if applicable) Metaldyne LLC
Street address (number and street) 307 S. Tillotson Street
City / State / ZIP code Fremont IN 46737
Web site of Facility/Company www.metaldyne.com

CONTACT INFORMATION

Name of Contact (Mr. / Mrs. / Ms. / Dr.) Mr. Michael Ashmore
Title Plant Manager
Telephone number 260-495-4833
FAX number 260-495-1707
E-mail address mikeashmore@metaldyne.com
Mailing address (if different from facility address)
City / State / ZIP Code

REPORTING PERIOD

Reporting period dates (month, day, year) Annual
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 checked="" 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. Newspaper release	
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 type="checkbox"/> Web site (http://www.) <input type="checkbox"/> Open house <input type="checkbox"/> Meetings <input type="checkbox"/> Press releases <input checked="" type="checkbox"/> Other <u>Lobby PowerPoint Presentation</u>	

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.

1. What is the most recent date that an ISO 14001:2004 EMS Lead Auditor performed an EMS assessment at your facility? July 23, 2009

2. 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 Assessment Report dated 7/23/09)

Signature of ISO 14001:2004 EMS Lead Auditor

Date (month, day, year)

3. 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: _____

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

5. 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): _____

6. 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.

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

Month / Year: November 16, 2011

Who headed the review (name and title)? Julie Carmicheal, HR Manager/EMS Rep

8. 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: EMS Audit - Complete System
 Month(s) / Year(s): December 14, 2011
 Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Facility Staff - Julie Carnicheal, EMS Rep, Steven Eppel, EMS Internal Auditor

9. 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?
 none reported this year

10. 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).
 No—If no, please explain your plans to correct these instances. No such instances identified.

11. (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)

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.
 Again in 2011 we achieved the highest level of recognition for our overall plant safety, health and environmental compliance for Metaldyne corporate-wide..

2. Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.
 n/a

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?

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>Noise</u> Indicator: <u>Noise</u>	Baseline Quantity	Future Goal Quantity	Current Quantity	Cost Savings
Calendar year	86.5/ave	80.0/ave	85.3/ave	\$11000
Actual quantity (per year)				
Normalized quantity (per year)				
Basis for your normalizing factor (e.g., gallons of paint produced)	reduction in overall plant noise level through TWA			
Measurement unit (e.g., pounds)	dBA			

Briefly describe how you achieved improvements for this environmental initiative or, if relevant, any circumstances that delayed progress.
 Replaced tips on air guns used to blow off parts with improved technology; added equipment blankets to equipment where areas of sound was higher than average

Please list any state, U.S. EPA, or other partnership programs to which you are reporting this data (e.g., Energy Star, Project XL).
 n/a

(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

Why do we need this information?

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

What do you need to do?

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

1. 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>11</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
<input type="checkbox"/> Material Use	<input type="checkbox"/> Materials used			Pounds, tons
	<input type="checkbox"/> Hazardous materials used			Pounds, tons
	<input type="checkbox"/> Ozone depleting substances used			CFC-11 equivalent pounds
	<input type="checkbox"/> Total packaging materials used			Pounds, tons
<input type="checkbox"/> Water Use	<input type="checkbox"/> Total water used			Gallons
<input type="checkbox"/> Energy Use	<input type="checkbox"/> Electricity			kWh / MWh, Btu / MMBtu
	<input type="checkbox"/> Steam			kWh / MWh, gallons, ft ³
	<input type="checkbox"/> Natural gas			Btu / MMBtu
	<input type="checkbox"/> Diesel			Gallons
	<input type="checkbox"/> Propane / LPG			Btu / MMBtu, gallons
	<input type="checkbox"/> Gasoline			Gallons
	<input type="checkbox"/> Solar			kWh / MWh
	<input type="checkbox"/> Wind			kWh / MWh
	<input type="checkbox"/> Landfill gas			Btu / MMBtu
	<input type="checkbox"/> Combined heat and power			kWh / MWh, Btu / MMBtu
	<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			MTCO ₂ E
	<input type="checkbox"/> VOCs			Pounds, tons
	<input type="checkbox"/> NO _x , SO _x , 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
	<input type="checkbox"/> Nutrients			Pounds, tons of N or P
	<input type="checkbox"/> Sediment from runoff			Pounds, tons
	<input type="checkbox"/> Pathogens			MPN/ml, CFU/ml
<input checked="" type="checkbox"/> Non-hazardous Waste <input checked="" type="checkbox"/> Hazardous Waste	<input type="checkbox"/> Landfill			Pounds, tons
	<input type="checkbox"/> Incineration			Pounds, tons
	<input checked="" type="checkbox"/> Reused/recycled off-site	4895	2400	Pounds, tons, gallons
	<input checked="" type="checkbox"/> Other: Aerosol Can Usage	151	75	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)? see attached word document
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: _____

CERTIFICATION AND PLEDGE

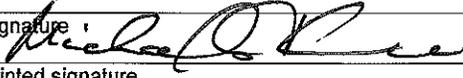
On behalf of (name of facility) Metaldyne BSM LLC

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, Michael R. Ashmore, 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



Title
Plant Manager

Date (month, day, year)
3/26/2012

Printed signature

Michael R. Ashmore

metaldyne

BSM LLC

Addendum to APR, Indiana ESP
Metaldyne BSM LLC
Fremont Indiana
3/26/12

Section F. 2.

2012 Activities:

1. **Aerosol Can Product Reduction:** Currently our hazardous waste through aerosol can residual is very minimal due to our disposal method. Understanding the impact to the environment through the propellants used in aerosol cans has been an area we want to reduce or eliminate. We are analyzing our current aerosol product usage and investigating alternatives that meet or exceed our current customer and process requirements while maintaining cost competitiveness. Most of these products will be purchased in bulk and used in spray bottles. We will test samples and then train employees on the new products.
2. **Absorbent Product Usage:** We will analyze our current absorbent products purchased and disposed of through a recycling program versus an alternative returnable inventory/rental option. We will also take into consideration cost while maintaining the level of durability required for our processes. If found to be successful, upon transitioning from a disposal/recycling to renting an inventory, we will train the employees to understand the difference between waste and rental to successfully achieve the full benefit of this program.

Assessment Report

Metaldyne

PO Box 615

Report Author
Gregory Martin
Visit Start Date
07/23/2009



Introduction

This report has been compiled by Gregory Martin and relates to the assessment activity detailed below:

Visit ref/Type/Date/Duration	Certificate/Standard	Site address
7279685 Re-certification Audit (RA Opt 2) 07/23/2009 2 day(s) No. Employees: 124	EMS 69611 BS EN ISO 14001:2004	Metaldyne PO Box 615 307 South Tillotson Fremont Indiana 46737-0615 USA

Client management system version(s):

Corporate Level one Procedures Revision 5

The objective of the assessment was to conduct a re-assessment of the existing certification to ensure that all elements of the proposed scope of registration and the entire requirements of the management standard are effectively addressed by the organization's management system.

As this visit is part of a multi-location assessment, the final recommendation will be contingent on the findings from all assessments.

Management Summary

This sample of the Corporate Reassessment found the Environmental management system of Metaldyne-Fremont is effective and meets the requirements of this international standard as well as corporate requirements sampled. The final recommendation for recertification will be made at the conclusion of the recertification plan.

There were no outstanding nonconformities to review from previous assessments.

No new nonconformities were identified during the assessment. Enhanced detail relating to the overall assessment findings is contained within subsequent sections of the report.

Areas Assessed & Findings

Management Review 4.1, 4.6

There were no open notices of violation, court orders for operation or pending litigation for alleged environmental infractions. The organization has not received any notices of violation, is not operating under any consent decrees or court orders, there is no pending litigation for any environmental infractions and there have been no reportable incidents, as confirmed by management.

The management structure is defined in the level I management system manual. An up to date organizational chart is available as part of the plant documentation. Management reviews are governed by a documented procedure. Management reviews were sampled in the course of the assessment. Management reviews are held at a minimum of once per year with the last completed 11/08. Management reviews are well documented and the agenda is appropriate and in conformance to the standard. Overall suitability of the environmental management system is reviewed and recommendations are developed. Several action items from management review were sampled and found to have good evidence of implementation.

Environmental Policy 4.2

The Environmental Policy is documented in the top level Environmental Management System Manual, posted on the Metaldyne Employee Portal, posted on the bulletin boards, and other areas of the plant. Awareness of the environmental policy was good to very good in all areas of the plant surveyed.

Environmental Aspects & Impacts 4.3.1

Effective planning was evident. The identification of environmental aspects is governed by a well written procedure. Aspects were originally identified via cross functional teams which represented different areas of the plant. Once identified aspects were rank ordered by a coherent evaluation scheme. In the course of the assessment a plant walk through was conducted. Comparison of the aspects identified in the walk through with the Aspects identified on the Aspect Worksheet showed a robust process for aspect identification that is consistent, suitable and effective. Significant aspects (ranking 13 or greater) were incorporated into the Objectives and EMS programs process. The Aspects Inventory was recently reviewed to ensure information is up to date.

Internal Audit, Corrective & Preventive Action Process 4.5.3,4.5.5

Internal audits are controlled by a documented procedure. Audits are held on an annual basis. In the course of the assessment three internal audits from 2008 were sampled. The Audit conducted in 6/08 was particularly comprehensive. The appropriate check lists were completed, audit reports generated, and nonconformances were raised where appropriate. Corrective action plans are developed to address root cause analysis and are implemented in a timely manner. A centralized database is utilized to track corrective action to completion.

The internal audit process is effective.

Compliance Evaluation Process 4.3.2, 4.4.3, 4.5.2

Compliance with law and other requirements is governed by a site specific Environmental Compliance Manual which is updated on an annual basis by the Corporate Environmental staff. The actual audits of compliance are also conducted by the Corporate Environmental Staff on a three year cycle. The last compliance audit occurred in March, 2006 with the next audit scheduled for later in 2009. Five nonconformances were raised in the course of this audit and have been addressed and tracked to completion in the Dakota Tracer Corrective action database.

The principal means which keeps the plant abreast of legal and other requirements is the Environmental Compliance Manual which is updated annually. Also access to the corporate portal was demonstrated in the course of the assessment which contains updates to recent governmental regulations. The corporate support was also evident thru the publication of a Metaldyne EH&S Newsletter to communicate environmental changes and events that could impact the business units. The site environmental coordinator relies heavily on the corporate communication and guidance and updates the environmental compliance manual and related controls as needed.

Emergency Preparedness and Response 4.4.7, 4.5.4, 4.5.1, 4.4.2

Emergency preparedness is controlled by a documented procedure. This procedure calls for a Spill Control and Counter Measure Plan (SPCC) for each plant. Formal inspections are required once per month by the plan. Records of training of the Spill Control Team were sampled for members of the team. Records of this training were available. An annual spill drill was held in 2008. A documented record of the drill with a lessons learned was analyzed in the course of the assessment. Changes were implemented to address the opportunities for improvement. An incident report related to a recent Transformer Fire 6/09 was reviewed and found to be comprehensive with evidence of effective investigation into cause, response protocol and countermeasures to prevent reoccurrence. The site has performed thermal scans for potential electrical hotspots as well as oil analysis to determine gas levels present. Overall the emergency response and preparedness was found to be effective and in conformance to the standard.

Training and Awareness 4.4.2, 4.5.4

Training and awareness is governed by a documented procedure. Training requirements for each individual is monitored via a spreadsheet matrix. Training needs are identical for all associates at the facility although some jobs are somewhat more directly involved with the handling of oils and chemicals than others.

Training requirements for all personnel in environmental systems include general environmental awareness and spill response. A large sample of employees was taken and training records were available and reviewed. Overall the process is effective.

Chemical Management 4.1-4.6

Chemical management process includes the handling of oily water and universal waste. Cutting fluids are run through a series of filters with excess water evaporated out leaving a water/oil mix that is reclaimed by Safety Kleen. Universal waste is collected, isolated, appropriately labeled and disposed of through Safety Kleen. One environmental objective related to chemical use reduction is in place to prolong time period between chemical dumps on specific equipment. chemical analysis is performed prior to dumping used coolants and oils from equipment to prevent waste of good chemicals and prolong life between changes. Records of this were reviewed. Records of disposal are available and appropriate.

Air, Water, Waste, Energy Management 4.1-4.6

Good planning was evident in management of each of these media. The aspect analysis defines the specific aspect, impact and ranking for significance. Operational controls are in place to ensure activities are carried out in a controlled manner. Communication of aspects was evident thru records of safety talks, communication boards and training that is performed that enhances the associates understanding of how there activities could impact the environment.

The site has no permits related to air or water but has developed water usage reduction initiatives thru analysis of coolants and oils to determine optimal time between dump and refills.

Waste generated in the plant are segregated for recycling were appropriate with good labeling, storage and housekeeping practices evident. Metal scrap is segregated by type and cardboard, pallets and paper are also segregated for recycling. Operational controls are in place for transfer of waste oils to prevent potential spills or disrupt conditions. Waste are stored to reduce or prevent environmental impact. Outside storage of wastes are covered to reduce contamination of stormwater. The site also has air surveys performed to identify air leaks. The leaks are repaired to reduce energy usage from air compressors. The tracking of the maintenance repairs is managed thru the Plexus management system. A review of the work orders and PMs shows effective management and prioritization of these energy saving activities. Overall the management of these activities was found to be effective and in conformance to the standard.

Assessment Participants

On behalf of the organization:

Name	Position
Ms Jamie Waligora	EMR/Human Resource Mgr.

The assessment was conducted on behalf of BSI by:

Name	Position
Gregory Martin	Team leader

Re-certification Plan

		Visit 1	Visit 2	Visit 3	Visit 4	Visit 5	Visit 6
Business area/Location	Date (mm/yy):	TBD					
	Duration (days):	2					
Air Management		✓					
Energy Management		✓					
Water Management		✓					
Legal Requirements		✓					
Hazardous/Non Hazardous Waste Management		✓					
Chemical Management		✓					
Evaluation of Compliance		✓					
Communication/Emergency Preparedness		✓					
Training/Competence/Vendor Control		✓					
Aspects, objectives, targets, programs		✓					
Plant and Grounds Operational Controls		✓					
Organization / Management Review		✓					
Management System & Changes		✓					

Report Author Gregory Martin

Visit Start Date 07/23/2009

Internal Audits	✓					
Corrective Action and Complaints	✓					
Reassessment	✓					

Next Visit Plan

Visit objectives:

per sample plan

Visit scope:

Per sample plan

Date	Assessor	Time	Area/Process	Clause
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Please note that BSI reserves the right to apply a charge equivalent to the full daily rate for cancellation of the visit by the organization within 30 days of an agreed visit date. It is a condition of Registration that a deputy management representative be nominated. It is expected that the deputy would stand in should the management representative find themselves unavailable to attend an agreed visit within 30 days of its conduct.

Notes

The assessment was based on sampling and therefore nonconformities may exist which have not been identified.

If you wish to distribute copies of this report external to your organization, then all pages must be included.

BSI, its staff and agents shall keep confidential all information relating to your organization and shall not disclose any such information to any third party, except that in the public domain or required by law or relevant accreditation bodies. BSI staff, agents and accreditation bodies have signed individual confidentiality undertakings and will only receive confidential information on a 'need to know' basis.

'Just for Customers' is the website that we are pleased to offer our clients, designed to support you in maximizing the benefits of your BSI registration - please go to www.bsiamericas.com/JustForCustomers to find out more.

Should you wish to file an appeal then this must be completed in writing and to the address below. The appeals process will be completed within 30 days of the date of this report.

As part of BSI's Terms, it is necessary for you to notify BSI of any of the following: Major changes to Management System; Change of ownership, merger or acquisition; Significant change to employee numbers; Introduction of new products/processes; Introduction of new customers; Initiation of customer-enforced sanctions. Notification should be made to your Client Manager within 5 business days of occurrence. Your Client Manager will evaluate the impact of the notification, review this with the BSI Scheme Manager and contact you as necessary to discuss any additional activities required as a result.

Should you wish to speak with BSI in relation to your registration, please contact our Operations Support Team:

BSI Management Systems
 12110 Sunset Hills Road
 Suite 200

Reston
VA
20190

Tel: +1 (800) 862 4977 Fax: +1 (703) 437 9001

Regulatory Compliance

BSI conditions of contract for this visit require that BSI be informed of all relevant regulatory non-compliance or incidents that require notification to any regulatory authority. Acceptance of this report by the client signifies that all such issues have been disclosed as part of the assessment process and agreement that any such non-compliance or incidents occurring after this visit will be notified to the BSI client manager as soon as practical after the event.

Appendices

This audit is part of a multi-site Recertification audit of Metaldyne's environmental management system for conformance to ISO 14001:2004. The final recommendation will be determined at the completion of the recertification sample plan.



Addendum to APR, Indiana ESP
Metaldyne BSM LLC
Fremont Indiana
3/26/12

Section F. 2.

2012 Activities:

1. **Aerosol Can Product Reduction:** Currently our hazardous waste through aerosol can residual is very minimal due to our disposal method. Understanding the impact to the environment through the propellants used in aerosol cans has been an area we want to reduce or eliminate. We are analyzing our current aerosol product usage and investigating alternatives that meet or exceed our current customer and process requirements while maintaining cost competitiveness. Most of these products will be purchased in bulk and used in spray bottles. We will test samples and then train employees on the new products.
2. **Absorbent Product Usage:** We will analyze our current absorbent products purchased and disposed of through a recycling program versus an alternative returnable inventory/rental option. We will also take into consideration cost while maintaining the level of durability required for our processes. If found to be successful, upon transitioning from a disposal/recycling to renting an inventory, we will train the employees to understand the difference between waste and rental to successfully achieve the full benefit of this program.