March 15, 2021

Jean Fix
Indiana Department of Environmental Management
Office of Program Support
MC 64-00, Room IGCN 1316
100 North Senate Avenue
Indianapolis, IN 46204-2251
esp@idem.in.gov
(317) 233 - 6660

Re: Indiana Environmental Stewardship Program – Annual Performance Report - 2020

Dear Jean Fix,

Attached is the Indiana Environmental Stewardship Program – Annual Performance Report - 2020 for the following facility:

NSK PRECISION AMERICA, INC. 3450 Bearing Drive Franklin, IN 46131 (317) 738 – 5000 www.nskamericas.com

If you have any questions or need additional information about this report, please contact me at Mr. Jonathan Jutte of NSK Corporation at (317) 738 - 5000 ext 433.

Sincerely,

Jonathan Jutte

Indiana Plants Environmental Team Leader

NSK Corporation 3400 Bearing Drive Franklin, IN 46131



INDIANA ENVIRONMENTAL STEWARDSHIP PROGRAM ANNUAL PERFORMANCE REPORT

State Form 53475 (R7 / 2-21)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
ENVIRONMENTAL STEWARDSHIP PROGRAM

Indiana Department of Environmental Management Office of Program Support

MC 64-00, Room IGCN 1316 100 North Senate Avenue Indianapolis, IN 46204-2251 Telephone: (800) 988-7901 FAX: (317) 233-5627

FAX: (317) 233-5627 E-mail: <u>esp@idem.IN.gov</u>

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. Membership terms are renewed every four (4) years through submitting your APR. 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.

This form will also be used for ESP members who are also members of the Indiana Partners for Pollution Prevention Program to recertify their membership and reaffirm their commitment to the Partners Pledge.

SECTION A	FACILITY INFORMATION	作的。 第15章 数据第15章 数据第15章 数据第15章 数据
Name of facility NSK PRECISION AMERICA, INC.		
Name of parent company (<i>if applicable</i>) NSK CORPORATION		
Street address (number and street) 3450 Bearing Drive		
City / State / ZIP code Franklin, IN 46131		
County Johnson County		
Website of facility / company www.nskamericas.com		
How many employees (full time equivalents 140) currently work at your facility?	
	CONTACT INFORMATION	
Name of Primary Contact (Mr. / Mrs. / Ms. / Mr. Jonathan Jutte	Dr.)	Title Indiana Plants Environmental Team Leader
Telephone number (317) 296-0996	FAX number ()	E-mail address juttej@nsk-corp.com
Mailing address (if different from facility add 3450 Bearing Drive	ress)	
City / State / ZIP Code Franklin, IN 46131		
Name of Secondary Contact (Mr. / Mrs. / M Denny Smith	s. / Dr.)	Title EHS Manager
Telephone number (317) 410-7589	FAX number ()	E-mail address smithd@nsk-corp.com
Mailing address (if different from facility add 3450 Bearing Drive	ress)	
City / State / ZIP Code Franklin, IN 46131		
	REPORTING PERIOD	经分类分别 医多克克氏 医多克氏病
Reporting period dates from prior calendar y 01/01/2020 - 12/31/2020		
Is this the fourth ESP Annual Performs		
Yes—If yes, please complete all se	vironmental Stewardship Program membership? ections of this annual report. iions of this annual report except for Section F.	
 2a. Are you a member of the Indiana Part ☐ Yes—If yes, answer question 2b. ☑ No—If no, skip to the "Change in Ir 	ners for Pollution Prevention (Partners) Program?	

		REPORTING PERIOD (CONTINUED)	
2	☐ Yes—If yes, ple	certify your Partners for Pollution Prevention (Partners) Pledge? ease complete all sections of this annual report. see complete all sections of this annual report except for Section F.	
		CHANGE IN INFORMATION	
In ch	n your ESP application hanges or additions to	and, perhaps, in previous annual performance reports, you described what your your facility's list of products or activities?	facility does or makes. Have there been any
	☐ Yes—If yes	s, please describe them:	
	⊠ No		
1673	ECTION B Why do we need this in	PUBLIC OUTREACH AND PERFORMANCE REPOR nformation?	What do you need to do
IE		w environmental information was shared with the	Describe how the facility has shared an plans to share environmental information
Р	lease briefly describe t	the activities that your facility conducted during this reporting period to interact wi vironmental performance. Posted environmental improvement intiative on compa	
	lease indicate which of s many as appropriate.	f the following methods your facility plans to use to make its ESP Annual Perform	nance Report available to the public. Please check
	Web site (http://www_		Press releases
SE	CTION C	ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSI	MENT
	ny do we need this inf	formation? plemented an EMS that meets certain	What do you need to do? Answer the following questions
crite	eria and use an ISO 14 ty-six (36) months to a	4001 EMS Lead Auditor at least every	about your EMS.
1.		cent date that an ISO 14001 EMS Lead Auditor performed an EMS assessment a	at your facility? 02/11/2021
2.	Name, title, and orga Manager	anization of ISO 14001 EMS Lead Auditor who conducted the most recent EMS a	assessment: Ella Casper - Quality Assurance
3.		ost recent EMS assessment performed by an ISO 14001 EMS Lead Auditor within	n the past thirty-six (36) months?
	Yes—If yes	s, skip to Question 4.	
		please have your ISO 14001 EMS Lead Auditor complete and sign the following is the listed criteria for ESP membership:	checklist, indicating whether or not your EMS
	Yes No	Evidence of senior management support, commitment, and approval.	
	Yes No	A written environmental policy directed toward compliance, pollution prevention	n, 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 aspect environmental impacts and applicable laws and regulations.	
	Yes No	Established priorities, and environmental objectives and targets for continuous for ensuring compliance with applicable environmental laws, regulations, and peyond current legal requirements and specify the environmental media, types implementation activities, and projected time frames.	permit conditions. Objectives and targets must go
	Yes No	An established community outreach mechanism that includes identifying and recommunity of important matters that affect the community; and reporting on the environmental policy and significant aspects.	
	Yes No	Incorporation of environmental and pollution prevention planning in the develop and modifications of existing processes.	pment of new products, processes, and services
	Yes No	Evidence of clear responsibility for implementation, training, monitoring, EMS r compliance with applicable environmental laws, regulations, and permit conditi	
	Yes No	Documentation of the implementation procedures and the results of implement	tation.
	Yes No	Appropriate written EMS procedures.	
	Yes No	An annual evaluation of the EMS with written results provided to senior manag	ement and affected employees.
	Signature of ISO 14	001 EMS Lead Auditor	Date (month, day, year)

SE	CTION C ENVIRONMENTAL MANAGEMENT SYSTEM ASSESSMENT CONTINUED
4.	Were any deficiencies found during the most recent EMS assessment? Yes—If yes, describe any deficiencies found and the corrective action taken to address each deficiency: No
5.	What type of protocol was used to perform the independent EMS assessment? ISO 14001:2015 Certified audit ESP Independent Assessment Protocol Other (please specify): AES 104: Envionmental Inernal Audit
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 14001:2015 Responsible Care EMS Responsible Care 14001
7.	When was the last Senior Management review of your EMS completed? Month / Year: 01/2021
	Who headed the review (name and title)? Ella Casper - Quality Assurance Manager
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: Environmental Compliance Audit Month(s) / Year(s): 07/2019
	Who conducted the audit(s) (e.g., facility staff, corporate, third party)? Third Party - INTEGRATED ENVIRONMENTAL, INC.
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?
	N/A. The facility emergency and contingency plans are reviewed annually and updated, as necessary.
10.	Has your facility corrected all instances of potential environmental non-compliance and EMS non-conformance identified during your audits and other assessments? N/A
	☐ 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—If no, please explain your plans to correct these instances.
Why This	ADDITIONAL INFORMATION y do we need this information? Sinformation will help IDEM to effectively manage the ironmental Stewardship Program. ADDITIONAL INFORMATION 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 (12) months.
	N/A
2.	Has your facility taken advantage of any ESP incentives? If so, please describe the implementation process and list additional benefits IDEM should consider.
	Air Regulatory Incentives (326 IAC 25): • Advanced notice (24 hours prior) of routine inspections. No notification will be given for emergency or complaint-based inspections. • Streamline permit renewal application process for FESOP or Title V permit renewals. (This incentive is now considered to be standard practice throughout the agency.)
	Water Regulatory Incentives (327 IAC 18): • Advanced announcement (24 hours prior) of routine inspection. No notification will be given for emergency or complaint-based inspections.
	Solid Waste Regulatory Incentives (329 IAC 18):

Advanced announcement (24 hours prior) of routine large quantity generator, and treatment, storage, and disposal inspections. No notification for emergency or complain-based inspections will be given.							
has ESP been instrumental in achieving registration? N/A 4. Are the ESP and/or Partners group meeting your expectations? Please provide feedback or suggestions. Yes SECTION D ADDITIONAL INFORMATION (CONTINUED) 5. If you are a member of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding commitment to pollution prevention (P2). Yes No 1. Ensure employees are aware of the facility's commitment to P2 and understand their role in implementing P2 objectives and goals in the facility. goals in the facility. 2. Your facility has incorporated P2 planning in the development of new products, processes, and/or services. 3. Your facility established a mechanism to monitor waste generation and identify realistic P2 goals. 4. Your facility passe satalished by our general waste reduction and P2 information to members of our community, IDEM, and the Partners, if requested? 5. Your facility has participated in or conducted outreach activities that include details of your P2 efforts; please specify: 6. Your facility has participated in or or more Partners meetings in the last year. 8. Your facility supported the annual Pollution Prevention Conference and Trade Show. Please check all that apply: Financial sponsorship One or more attendees from your facility One or more attendees from your facility Please check all that apply: Financial sponsorship One or more attendees from your facility One or more attendees from your facility or indicator options to complete this section. Summarize your facility or progress on achieving the that was pursued during the reporting period. IDEM needs to effect clinical trains you dentified in the application of years APR. For indicator is production realls. Production ount (select one) 1.151.424 kWh		• Adv inspe	/anced a ections. I	announcement (24 No notification for e	hours prior) of routine large qua emergency or complaint-based i	ntity generator; small quantity gen nspections will be given.	nerator; and treatment, storage, and disposal
SECTION D ADDITIONAL INFORMATION (CONTINUED) 5. If you are a member of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding commitment to politidin prevention (P2). Yes	3.	has E	ur facility ESP bee	was not registered in instrumental in a	d to the ISO 14001 standard pric chieving registration?	or to becoming an ESP member, I	has ESP helped you to pursue registration? If so, how
SECTION D ADDITIONAL INFORMATION (CONTINUED) 5. If you are a member of Partners, please reaffirm your facility's or organization's pledge to the Partners and provide additional information regarding commitment to politidin prevention (P2). Ves	4.	Are th	he ESP	and/or Partners gro	oup meeting your expectations?	Please provide feedback or suga	uestions
Section E Section E Section E Section For Gality has participated in or conducted outreach activities that include details of your P2 efforts; please specify: Not Control that apply: Financial sponsorship Other (specify) Other (specify) Other (specify) Other (specify) Other (specify) Other (specify) Initiative #1 Category 1: Energy Use Indicator measurement unit) (indicate measurement unit) (ind				S	, , , , , , , , , , , , , , , , , , , ,		,
Section E							
Section Commitment to pollution prevention (P2). Yes	S	ECTION	D		ADDIT	IONAL INFORMATION (CONTIN	NUED)
Ves	5.	If you	ı are a m	nember of Partners	, please reaffirm your facility's o ion (P2).	r organization's pledge to the Par	tners and provide additional information regarding
	[
3. Your facility established a mechanism to monitor waste generation and identify realistic P2 goals. 4. Your facility has established a process to listen and respond to stakeholder concerns. 5. Your facility makes available your general waste reduction and P2 information to members of our community, IDEM, and the Partners, if requested? 6. Your facility makes available your general waste reduction and P2 information to members of our community, IDEM, and the Partners, if requested? 7. Your facility has participated in two or more Partners meetings in the last year. 8. Your facility supported the annual Pollution Prevention Conference and Trade Show. Please check all that apply: Financial sponsorship One or more attendees from your facility Please check all that apply: Financial sponsorship Other (specify) Other (specify						s commitment to P2 and understa	and their role in implementing P2 objectives and
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Partners, if requested?				,	•	•	
				5. Your facility Partners, if	makes available your general v requested?	aste reduction and P2 informatio	n to members of our community, IDEM, and the
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. IDEM needs to report cumulative program reduction results. Reference Section F for "Category" and "Indicator" options to complete this section. Summarize your facility progress on achieving the initiative was pursued during the reporting period. IDEM needs to report cumulative program reduction results. Reference Section F for "Category" and "Indicator" options to complete this section. Summarize your facility" progress on achieving the initiative you identified in the application or last year's APR. For assistance, please call (800) 988-7901 or email esp@idem.IN.gov. Initiative #1 Category 1: Energy Use Baseline Current (indicate measurement unit) (indicate measurement unit) Cost Savings Calendar year 10/2018 - 09/2019 10/2019 - 09/2020 \$234,219.18 Actual quantity (per year) 1,151,424 kWh 726,912 kWh 424,512 kWh Production unit (select one) Earned Labor Hours X Production units Production lbs. Other specify (e.g. Gallons, length, etc.) Production Quantity 18,812,069 PCS 15,781,946 PCS NA Normalization factor (Current year production + Baseline year production) 0.839 Normalization factor (Current year quantity - Actual baseline quantity) X Normalization factor 356,134 Briefly describe how you achieved improvements for environmental initiative #1 or, if relevant, any circumstances that delayed progress.				6. Your facility	has participated in or conducted	d outreach activities that include o	details of your P2 efforts; please specify:
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Production unit (select one) Earned Labor Hours X Production units Production lbs. Other specify (e.g. Gallons, length, etc.) Production Quantity 18,812,069 PCS 15,781,946 PCS NA Normalization factor (Current year production ÷ Baseline year production) 0.839 Normalized quantity (Actual current year quantity - Actual baseline quantity) x Normalization factor 356,134 Briefly describe how you achieved improvements for environmental initiative #1 or, if relevant, any circumstances that delayed progress.	C	alendar y	/ear		10/2018 - 09/2019	10/2019 - 09/2020	\$234,219.18
Production unit (select one) Other specify (e.g. Gallons, length, etc.) Production Quantity 18,812,069 PCS 15,781,946 PCS NA Normalization factor (Current year production ÷ Baseline year production) 0.839 Normalized quantity (Actual current year quantity - Actual baseline quantity) x Normalization factor 356,134 Briefly describe how you achieved improvements for environmental initiative #1 or, if relevant, any circumstances that delayed progress.	A	ctual qua	intity (pe	r year)	1,151,424 kWh	726,912 kWh	424,512 kWh
Normalization factor (Current year production ÷ Baseline year production) 0.839 Normalized quantity (Actual current year quantity - Actual baseline quantity) x Normalization factor 356,134 Briefly describe how you achieved improvements for environmental initiative #1 or, if relevant, any circumstances that delayed progress.	Pr	oduction	unit <i>(se</i>	elect one)			action lbs.
Normalized quantity (Actual current year quantity - Actual baseline quantity) x Normalization factor 356,134 Briefly describe how you achieved improvements for environmental initiative #1 or, if relevant, any circumstances that delayed progress.	Pr	oduction	Quantit	у	18,812,069 PCS	15,781,946 PCS	NA
Briefly describe how you achieved improvements for environmental initiative #1 or, if relevant, any circumstances that delayed progress.							
						iluative #1 or, it relevant, any circ	umstances that delayed progress.

Initiative #2			
Category 2:	Baseline	Current	Cost Savings
Indicator 2:	(indicate measurement unit)	(indicate measurement unit)	Cost Savings
Calendar year			
Actual quantity (per year)		-	
	Earned Labor Hours	Production units Prod	uction lbs.
Production unit (select one)	Other specify (e.g. Gallo	ons, length, etc.)	
Production Quantity			NA
Normalization factor (Current year	production ÷ Baseline year prod	luction)	
Normalized quantity (Actual current	nt year quantity - Actual baseline	quantity) x Normalization facto	r
Briefly describe how you achieved	I improvements for environmental	initiative #2 or, if relevant, any ci	rcumstances that delayed progress.

SECTION E		PROVEMENT INITIATIVE RESUL CONTINUED	TS
Initiative #3			
Category 3: Indicator 3:	Baseline (indicate measurement unit)	Current (indicate measurement unit)	Cost Savings
Calendar year			
Actual quantity (per year)			
Production unit (select one)	Earned Labor Hours Other specify (e.g. Galle		ction lbs.
Production Quantity			NA
Normalization factor (Current year p	oroduction ÷ Baseline year production	n)	
Normalized quantity (Actual current	year quantity - Actual baseline quar	ntity) x Normalization factor	a.
Briefly describe <i>flow</i> you achieved if	mprovements for environmental initia	tive #5 of, if relevant, any circumst	ances that delayed progress.
1. Briefly describe the impacts or wa	astes eliminated resulting from the en	vironmental initiative(s). If multiple	initiatives, please indicate which specifically.
Reduced energy use (electricity) by	replacing fluorescent bulbs with high	efficiency LED bulbs.	
2. Are there other best management	t practices (BMPs) you can share cor	relating to your initiative(s)?	
N/A.			
	ciated with the environmental improve e initiatives, please indicate which spe		d, please verify continued progress toward the
N/A			
4. Please provide a narrative summa	ary of progress made toward qualitati	ive, significant EMS objectives and	targets, if any.
N/A			
5. Please list any state, U.S. EPA, o	r other partnership programs to which	n you are reporting this data (e.g.,	Energy Star, Project XL).
N/A			
6. Is your entity willing to share the e Partners for Pollution Prevention qua		s) and its best management practi Yes 🔲 No	ces (BMPs) at the ESP Annual Meeting and/or a

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 next environmental improvement initiative selected by your facility. For the category and indicator selected, list the **baseline year** (e.g., 2015) and the **future year** (e.g., 2016). 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>18 04</u> <u>through 2019 03</u>	Future Year 20 <u>20 04</u> <u>through 2021 03</u>	Unit
☐ Material Procurement	☐ Recycled content			Pounds, tons
Iviateriai Frocureriierit	☐ Hazardous/toxic components			Pounds, tons
☐ Suppliers' Environmental Performance	☐ Specify indicator:			As specified for the particular indicator
	☐ Materials used			Pounds, tons
	☐ Hazardous materials used			Pounds, tons
☐ Material Use	☐ Ozone depleting substances used			CFC-11 equivalent pounds
	☐ Total packaging materials used			Pounds, tons
☐ Water Use	☐ Total water used			Gallons
	⊠ Electricity	5,452,800 kWh	4,907,520 kWh	kWh / MWh, Btu / MMBtu
	☐ Steam			kWh / MWh, gallons, ft3
	☐ Natural gas			Btu / MMBtu
	☐ Diesel			Gallons
	☐ Propane / LPG			Btu / MMBtu, gallons
☐ Energy Use	☐ Gasoline			Gallons
	☐ Solar			kWh / MWh
	☐ Wind	2		kWh / MWh
	☐ Landfill gas			Btu / MMBtu
	☐ Combined heat and power			kWh / MWh, Btu / MMBtu
	☐ Other:			
	☐ Land and habitat conservation			Square feet, acres
☐ Land and Habitat	☐ Community land revitalization			Square feet, acres
	☐ Total GHGs			MTCO2E
	□VOCs			Pounds, tons
	□ NOx, SOx, PM _{2.5} , PM ₁₀ , or CO			Pounds, tons
☐ Air Emissions	☐ Air toxics			Pounds, tons
	Odor			European Odour Units
	☐ Radiation			Curies, Becquerels
	☐ Dust			Pounds, tons
	☐ COD or BOD			Pounds, tons
	☐ Toxics			Pounds, tons
	☐ Total suspended solids			Pounds, tons
☐ Discharges to Water	□ Nutrients			Pounds, tons of N or P
	☐ Sediment from runoff			Pounds, tons
	☐ Pathogens			MPN/ml, CFU/ml
	☐ Landfill			Pounds, tons
☐ Non-hazardous Waste	☐ Incineration			Pounds, tons
☐ Hazardous Waste	☐ Reused/recycled off-site			Pounds, tons, gallons
	Other:			Pounds, tons, gallons
□ Noise	□ Noise			dBA
☐ Vibration	☐ Vibration			Inches per second
	☐ Expected lifetime energy use			kWh / MWh, Btu / MMBtu
	☐ Expected lifetime water use			Gallons
☐ Products	Expected lifetime waste to air, water, or land from product use			Pounds, tons
	☐ Waste to air, water, or land from disposal or recovery			Pounds, tons

If you need assistance filling out the form, please contact the ESP program manager at either esp@idem.in.gov or 1-(800) 988-7901.

s	FUTURE YEAR ENVIRONMENTAL IMPROVEMENT INITIATIVE CONTINUED	
2.	If the environmental improvement initiative(s) will be <i>qualitative</i> in nature, please describe. N/A	
3.	What activities or process changes do you plan to undertake at your facility to accomplish your initiative (e.g., technology process line, employee training)? Reduce energy use (electricity) by replacing Air Compressors	r changes in a particular
4.	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 in	nitiative:
	CERTIFICATION AND PLEDGE	
0	n behalf of (name of facility) NSK PRECISION AMERICA, INC.	
to	certify that the information contained in this Annual Performance Report and attachments is accurate to the best of my knowled the best of my knowledge and based on reasonable inquiry, currently in compliance with all applicable federal, state, and loguirements, or has a corrective action program in place to attain compliance.	
re ou im	nvironmental Management System for our facility's Indiana Environmental Stewardship Program status. We agree to strive regulations promulgated by the U.S. EPA, state, or local jurisdictions. We agree to promote the Indiana Environmental Stewardship Program status. We agree to strive regulations promulgated by the U.S. EPA, state, or local jurisdictions. We agree to promote the Indiana Environmental Stewardship stories with other facilities. We understand that we must meet the requirement of implementing one (1) new, independent initiative each year of membership (for a total of four (4) initiatives), that the Annual Performance Report must be a for each year, and that we must reapply to the Indiana Environmental Stewardship Program every four (4) years.	for full compliance with all rdship Program and to share ependent environmental
si	understand that the information provided in this Annual Performance Report will be public record. I am the senior facility man gnatory, and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is submerformance Report.	
Si	ignature	Date (month, day, year)

Title

Indiana Plants Environmental Team Leader

Printed signature Jonathan Jutte

SECTION E	ENVIRONMENTAL IMPROVEMENT INITIATIVE RESULTS
Member Name:	Jonathan Jutte
ST	EP 1: Describe the Environmental Initiative
	Energy Use - Electricity - kWh

Replace fluorescent bulbs with LED bulbs (Redution in kWh used)

STEP 2: Select Cate	ory, Indicator, and Unit
---------------------	--------------------------

STEP	2: Select Category, Indicator, and Ur	iit.
Category (select one):	Indicator	Unit
Material Procurement	Select from a dropdown:	Select from a dropdown:
Suppliers' Environmental Performance	Type a response here.	Type a response here.
Material Use	Select from a dropdown:	Select from a dropdown:
Water Use	Select from a dropdown:	Select from a dropdown:
Energy Use	Electricity	kWh
If Other, please specify:	Type a response here.	Type a response here.
Land and Habitat	Select from a dropdown:	Select from a dropdown:
Air Emissions	Select from a dropdown:	Select from a dropdown:
Discharges to Water	Select from a dropdown:	Select from a dropdown:
Non-hazardous Waste	Select from a dropdown:	Select from a dropdown:
If Other, please specify:	Type a response here.	Type a response here.
Hazardous Waste	Select from a dropdown:	Select from a dropdown:
If Other, please specify:	Type a response here.	Type a response here.
Noise	Select from a dropdown:	Select from a dropdown:
Vibration	Select from a dropdown:	Select from a dropdown:
Products	Select from a dropdown:	Select from a dropdown:
STEP 3: R	eport Baseline and Current Year's Da	ata
	Baseline	Current
Calendar year	10/2018 - 09/2019	10/2019 - 09/2020
Actual quantity of Indicator (per year)	1,151,424	726,912
	These numbers should reflect to	he indicator you selected above.
Unit of actual quantity	kWh	kWh
	This unit should be the same fr	om the unit you selected above.
Production Quantity	18,812,069	15,781,946
Production Unit (select one):	Production Units	Production Units
If Other, please specify:	Type a response here.	Type a response here.
	STEP 4: Calculations	
Normalization factor (of production)	0.84	
Normalized quantity	-356,134.43	kWh
PARTIES OF THE PROPERTY OF THE PARTIES OF THE PARTI	A negative number means a	reduction has been achieved!
Cost Savings:		\$234,319.18

EV2018		1Q FY2018			2Q FY2018			3Q FY2018			4Q FY2018		MONTHLY	10101
21071	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	AVG	- C-AL
.ED - Actual (kWh)							101376	89856	91584	97344	98496	97344	00096	576000
Electric Cost (USD)							\$145,600.00	\$101,845.12	\$98,701.74	\$99,589.90	\$103,676.00	\$123,514.81	\$112,155	\$672,928
Production (PCS)							1648064	1489556	1283559	1736565	1495980	1519377	1528850	9173101
kWh / PC							0.062	0.060	0.071	0.056	0.066	0.064	0.063	
EV2049		1Q FY2019			2Q FY2019			3Q FY2019			4Q FY2019		MONTHLY	
1.5213	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	AVG	O AL
.ED - Actual (kWh)	85248	89296	94464	92736	105408	100800	P	PROJECT START					95904	575424
Electric Cost (USD)	\$120,833.65	\$121,550.89	\$134,649.63	\$129,529.44	\$119,874.94	\$146,408.39							128808	772847
Production (PCS)	1517790	1743235	1600678	1446217	1665524	1665524							1606495	9638968
kWh / PC	0.056	0.056	0.059	0.064	0.063	0.061							0	
													> IHENOM	
BASELINE (AVERAGE)	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	AVG.	TOTAL
LED - Actual (kWh)	85248	89296	94464	92736	105408	100800	101376	89856	91584	97344	98496	97344	95952	1151424

	1000年の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の	1Q FY2019			2Q FY2019			3Q FY2019			4Q FY2019		MONTHLY	TOT.
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	AVG.	O AL
LED - Actual (kWh)							93312	82368	65664	65664	56448	47232	68448	410688
Electric Cost (USD)							\$130,316.46	\$133,948.20	\$75,433.36	\$78,871.14	\$85,931.05	\$97,407.78	\$100,318	\$601,908
Production (PCS)							1823418	1488911	1159688	1705540	1597773	1169995	1490888	8945325
kWh / PC							0.051	0.055	0.057	0.039	0.035	0.040	0.046	
EY2020		1Q FY2020			2Q FY2020			3Q FY2020			4Q FY2020		MONTHLY	HOH
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	AVG	O AL
LED - Actual (kWh)	39168	47232	55872	59328	55872	58752	63936	57024	27600	56448	50688	-21881088	-1773264	-21279168
Electric Cost (USD)	\$70,504.86	\$66,392.61	\$107,457.76	\$123,195.34	\$128,218.28	\$113,778.49	\$109,519.16	\$103,883.19	\$92,425.02	\$102,280.21	\$82,413.04	\$0.00	\$91,672	\$1,100,068
Production (PCS)	101422	339570	1434331	1550967	1759923	1650408	1602430	1530866	1504284	1707353			1318155	13181554
kWh / PC	0.386	0.139	0.039	0.038	0.032	0.036	0.040	0.037	0.038	0.033	#DIV/0i	#DIV/0!	#DIV/Oi	

	TO/ ZOTS through 05/ ZOTS						
LED - Actual (kWh)	1151424						
Electric Costs (USD)	\$1,445,774.51						
Production (PCS)	18812069						
kwh / PC	0.061						
	10/2019 through 09/2020		Current	Baseline			
LED - Actual (kWh)	726912	Normalization Factor	15781946	18812069	0.839		
Electric Costs (USD)	\$1,211,455.33						
Production (PCS)	15781946	Normalization Quantity	726912	1151424	-356134		
kWh / PC	0.046						
	\$1,445,774.51						
	\$1,211,455.33						
Cost Savings (USD)	\$234,319.18						
	1151424						
	726912						
Use Savings (kWh)	424512						



