

Serigraph

GREEN TIER ANNUAL REPORT



2023



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COMPANY SUMMARY

Serigraph is a leader in decorative graphics- translating brands to the physical world through print, and serving the appliance, automotive, consumer electronics, medical, industrial, power sports, and point-of-purchase markets.

Serigraph's facilities are located in Wisconsin's Kettle Moraine area in the City of West Bend. We employ approximately 500 skilled workers across two divisions (IG/POP) in the production of parts for customers in multiple leading industries.

The scope of the Green Tier program encompasses Serigraph's Industrial Graphics (IG) Division which shares its location with our corporate headquarters.

Opportunities are identified at Serigraph to prevent pollution, minimize the use of raw materials, and to reduce energy consumption as part of the ISO 14001 standard.



Executive Summary

Serigraph strives to use the fewest natural resources and to produce the least waste possible in safe, environmentally friendly facilities. The company's Environmental Policy guides our operations.

This report provides information on the environmental performance for the 2023 calendar year **(Appendix 1)**.

Pollution Prevention

Approach: We use biofiltration to scrub our emissions of volatile organic compounds (VOCs) and are converting to more environmentally- friendly latex and ultraviolet (UV) inks.

Accomplishments: in 1996, Serigraph became the first company in the U.S. to install a biofiltration system. Since 2000, we have eliminated more than 180 tons of VOCs from emissions.

Waste Reduction

Approach: We are working to minimize the amount of overall waste and increase the percentage of waste that is recycled instead of sent to landfills.

Accomplishments: 99% of our universal waste is now recycled. We have managed to keep 62% of our waste out of landfills.

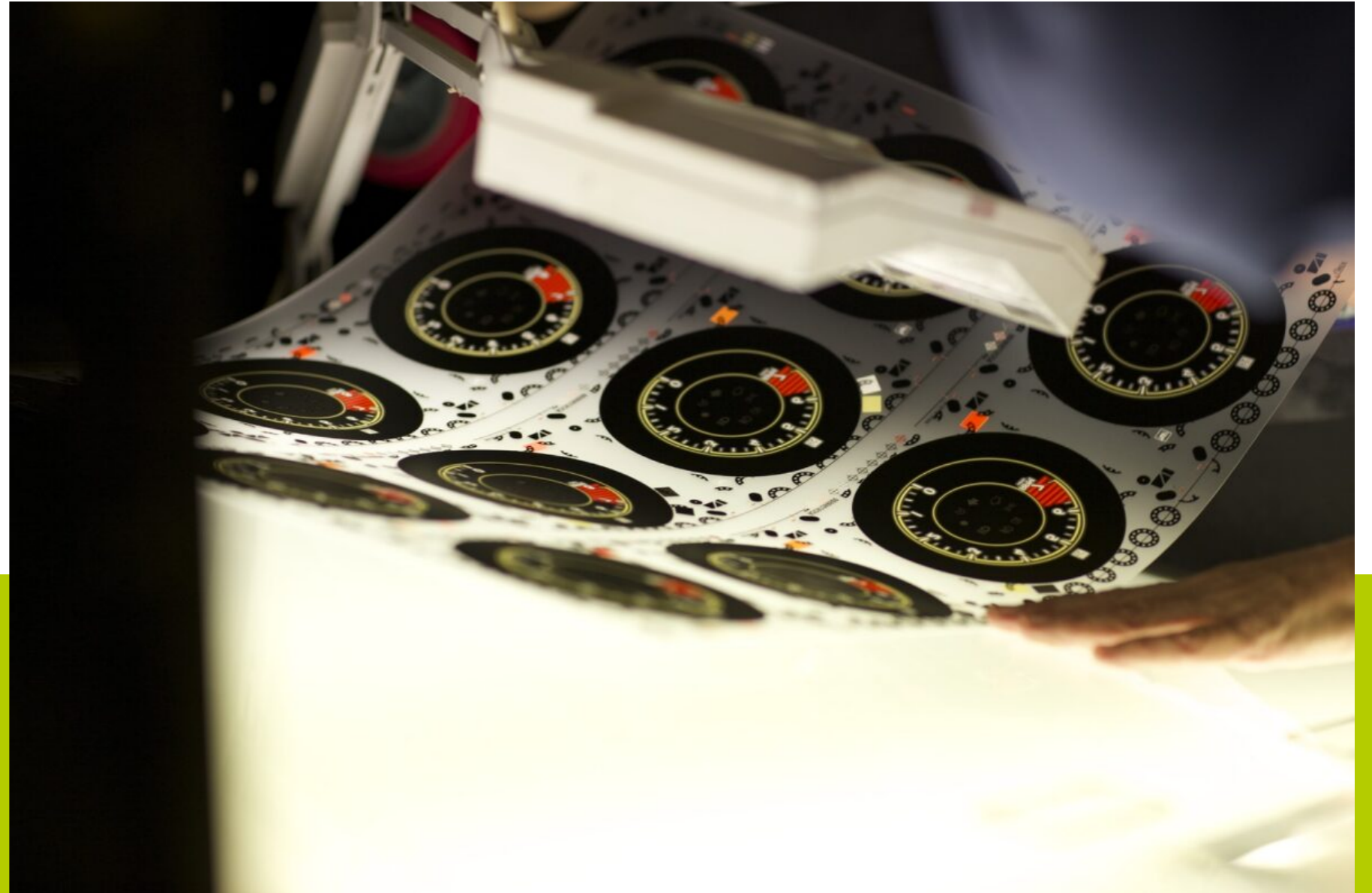
Energy Efficiency

Approach: We are converting LED lighting and installing more energy- efficient systems and equipment.

Accomplishments: We have accomplished a 9% energy usage reduction in the past year.

ENVIRONMENTAL POLICY STATEMENT

Our Environmental Policy (**Appendix 2**) is at the heart of Serigraph's Core Values (see below).



WE ARE GREAT TEAMMATES

Not only to our coworkers, but also to the environment that surrounds us. We strive to be industry leaders in sustainability throughout all our day-to-day processes. We pride ourselves on being open and honest with our neighbors, both local and outside of our immediate area to show

WHAT YOU SEE IS WHAT YOU GET

with Serigraph. We realize that improvements can be made in all facets of production and work diligently to make sure that

WE FIGURE IT OUT

when it comes to opportunities to leave our area the same, or better than we found it.



Green Tier Benefits

The leadership and workforce of Serigraph have seen countless benefits in the approximate 18 years that we have participated in the Green Tier Program.

Some of these include, but are not limited to:

- Reduction of VOC
- Recycling millions of pounds of plastic materials, year over year
- Continually improving our reclamation processes to reduce wastewater that is discharged
- Continuing to improve the quality of the water discharge to the City of West Bend
- Maintaining a large prairie in its natural state while providing employees a nature walking path to utilize on the Serigraph campus.

Green Tier Timeline

2006

Serigraph was formally accepted as a Green Tier 1 participant

2011

Welcome as a Tier 2 participant

2021

Serigraph became the longest-standing business in the State of Wisconsin with Tier 2 status

2023

Members of our Environmental, Health and Safety Team were recognized for Serigraph's achievements.



Pictured above are SE Regional Director of the Wisconsin Department of Natural Resources (DNR) Michael Thompson presenting a recognition plaque and challenge coin to our Hazardous Waste Specialist Tyler Acheson and Director of EHS, Justin Reichert.

How we live our policy.

These initiatives fall closely in line with our Corporate Environmental objectives of continually reducing Volatile Organic Compounds (VOC's) by converting our links whenever possible and ensuring that we recycle all materials whenever possible.

- Continually improving our Environmental Management System (EMS) and environmental and energy indicators to help protect the environment
- Maximize the efficient use of raw materials and energy.
- Reduce scrap and waste.
- Comply with all applicable legal requirements, compliance obligations and with other requirements.
- Communicates our Environmental Policy to all interested parties as needed.
- Protect the environment and has adopted the approach of pollution prevention instead of detection.



How we stay committed.



Serigraph is committed to our employees through various trainings directly related to ensuring a successful environmental management system. Our commitment to our employees includes training any persons that may impact them while at our facilities which includes training visitors and contractors that are in our facilities. We stay committed by:

- Our visitors are briefed on Serigraph goals, objectives, and accomplishments when entering the facility.
- We utilize regular internal audits to identify opportunities for improvement in our environmental management system with constant feedback from our workforce.
- We train our new hires, during orientation our Green Tier 2 status, and what that means for our commitment to our environment and our employees.
- Contractors are provided contractor training from their sponsor to ensure clear communication and expectations while onsite.
- Serigraph's EHS team works closely with companies' Single Point of Contact at the Wisconsin Department of Natural Resources and communicates regularly with our Environmental Business Support Coordinator.
- We have begun including topics such as Universal Waste, Recycling, Spill Prevention Control, and Countermeasures during our training to provide refresher information to our legacy employees.
- Conducting annual Hazardous Communications training for our employees with specific employees receiving DOT HazMat General training or DOT HazMat Carrier training dependent on job position.
- If possible, our purchasing team uses local companies to assist in supporting local and continually reviews to reduce fuel usage for our vehicles as well as third party transportation.

How we contribute.

Serigraph is committed to working with local business and charities to build strong relationships through outreaches, volunteering, and other events. Some of these include:



Habitat for Humanity



500 sapplings given to all of our employees to support Arbor Day Foundation



Wrap Christmas Presents for local Gingerbread House Charity



Sponsorship of West Bend Kids Ninja Mud Run



Leadership donor for United Way of Washington County



Sponsorship for West Bend Chamber of Commerce Golf Outing

HOW WE ACCOMPLISHED OUR GOALS.

Serigraph understands that sustainability does not come without effort; we are dedicated to responsible corporate citizenship and to doing our part to reduce our energy use, landfill waste and carbon footprint.

Serigraph's commitment includes continued third-party audits to the ISO 14001 standard as well as an annual external Green Tier audit which is completed by Verisys Registrars.



GOAL

DISCHARGE TO AIR

1. REDUCE SCRAP AS A PERCENT OF COST TO ACHIEVE TARGET OF LOWER THAN 10%
2. REDUCE THIRD PARTY WASTE SERVICES (6-2) TO REDUCE EMISSIONS

RESULT

5.10%

Reduced 4.34 tons of CO2 (GHG)

ENERGY CONSUMPTION:

1. ENERGY USE DECREASE
2. ACHIEVE <125 KWH PER 10K PARTS PRODUCED

9% reduction

89KWH/ 10K Parts

WATER DISCHARGE

1. REDUCTION OF NITROGEN IN DISCHARGE TO CITY OF WEST BEND

400% Reduction

How we recycle.

As a manufacturer of plastic parts and temporary signage, we work to compensate for scrap and waste by-products by setting highly aggressive scrap tolerances and reducing waste in meaningful ways.

Having built a company on collaboration, customer needs, and continuous improvement, we strive to use the fewest natural resources and to produce the least waste possible in a safe, environmentally-friendly facility.

533.3 tons

of plastic, paper
and metal

99%

of our universal
waste recycled

16.3 tons

of hazardous and
non-hazardous waste
was recycled, fuel
blended or Waste-to-
Energy

18 tons

of wood products
recycled

62%

of total waste
kept out of
landfills



How we stay compliant.

In recognition of our sustainability efforts, Serigraph has received different certifications.

Green Tier Program Tier 2 Status

There are more than 60 Wisconsin businesses that participate in the Green Tier Program. Serigraph initially reached this status in 2011 - a sign of our commitment to exceeding regulatory requirements while collaborating to encourage innovation. Serigraph was the first company in the state to reach the higher Tier 2 status in Wisconsin's Green Tier Program and today is one of only a few companies to have earned this elite designation.



Green Tier II Requirements include:

- A strong environmental record
- A willingness to exceed regulatory requirements
- An Environmental Management System (EMS) in place, helping organize and understand its environmental impacts and systemically operate more efficiently by reducing energy usage, minimizing waste, and reducing pollution
- Ideas for improving performance that will benefit both the business and the environment.
- A participation contract between Serigraph and the Wisconsin DNR signed by the CEO and Secretary of the DNR **(Appendix 4)**.

To keep our Tier 2 status, Serigraph undergoes an annual audit at the beginning of each year to ensure we are staying on track with our environmental goals and efforts.



Green Masters Program 'Green Professional'

Serigraph is also a designated Green Professional by Wisconsin's Sustainable Business Counsel's Green Masters Program. This program seeks to recognize sustainable actions by businesses across the state.

They evaluate sustainability across nine areas (energy, carbon and other emissions, water, waste and materials management, transportation, supply chain, community, and educational outreach, workforce, and governance), and all participants need to have taken at least one action in each area. The program is also designed for continuous improvement, requiring that members apply and complete their environmental survey at least once every two years.



ISO 14001:2015 Certification

Serigraph is also ISO 14001:2015 certified (**Appendix 5**), which is designated for businesses seeking to manage their environmental responsibilities in a

systematic manner. This certification is given to businesses with an established Environmental Management System (EMS) providing value for both the

environment and the organization itself. The company must also be actively working toward achieving its environmental objectives, with measures tracked on a monthly basis.



Other notable certifications:



How we raise awareness & communicate with interested parties.

We are committed to transparent and proactive communication with all of our key stakeholders and interested parties. We recognize that maintaining open channels for dialogue builds trust and promotes accountability,

We embrace our responsibility to raise awareness on matters that impact our business, industry, communities, and the broader environment in which we operate.

- Communicate through different channels such as our company website, social media platforms and local publications.
- Serigraph's Director of EH&S presented to the Leadership of West Bend Development Group about sustainability and best environmental practices that Serigraph follows.
- Serigraph hosted Doors Open of West Bend that allowed interested parties to have a first hand experience
- Serigraph partners with local schools to provide entry-level job opportunities and help promote our company and what we do.



What's next...

- Serigraph is working with Barsol Solvent, AKA Barsol, to convert to VOC Free Solvents in 2024.



- Continued reduction in emissions as we consolidate our vendors for our waste and recycling programs.
- Work to convert damaged asphalt to green space.
- Full roof replacement to improve energy usage.



Appendix 1- 2023 Metrics

METRICS FORM RESULTS

Last revised: 3/13/2023

Submit this tab as your Metrics Data with your annual report.
See "Instructions" tab for more information on how to save this tab as a separate file with your report.

Participant Name	Serigraph, Inc.
Reporting Year Start	1/1/2023
Reporting Year End	12/31/2023

Did you enter your data in the raw format (not normalized)?
Type Yes or No

Yes

*This is the only cell you need to fill out on this tab

GENERAL INFO			
Metric	% Change	Current	Baseline
# of Employees	-6.5%	471	504
Primary NAICS Code		323113	
Secondary NAICS Code		323111	
% Local Purchases	3.8%	26.865	25.875
% In-State Purchases	9.2%	28.473	26.064

WASTE				
Metric	% Change	Current	Baseline	Units
Solid Waste Reused	0.0%	UNK	UNK	US tons / 10000 Parts
Solid Waste Recycled	12.5%	0.092543	0.082293	US tons / 10000 Parts
Solid Waste Composted	0.0%	UNK	UNK	US tons / 10000 Parts
Solid Waste-to-Energy	14.2%	0.002472	0.002164	US tons / 10000 Parts
Solid Waste to Landfill	58.8%	0.057599	0.036282	US tons / 10000 Parts
Solid Waste to Incinerator	9.2%	0.019127	0.017520	US tons / 10000 Parts
Universal Waste	57.1%	0.455396	0.289897	lbs / 10000 Parts
Hazardous Waste Generated	-22.0%	1.693746	2.172459	lbs / 10000 Parts

WATER				
Metric	% Change	Current	Baseline	Units
Water used	-0.1%	16,486.924290	16,510.572453	gallons / 10000 Parts
Water recycled/reused	0.0%	UNK	UNK	gallons / 10000 Parts
Wastewater Discharged	3.5%	20.442108	19.742199	gallons / 10000 Parts

ENERGY USE AND GENERATION				
Metric	% Change	Current	Baseline	Units
Electricity from utility	-28.4%	1,241.471578	1,733.859458	kWh / 10000 Parts
Natural Gas	-1.8%	5.487610	5.589494	MMBtus / 10000 Parts
Coal	0.0%	UNK	UNK	US tons / 10000 Parts
Propane (LP)	0.0%	UNK	UNK	gallons / 10000 Parts
Diesel (#2 Fuel Oil)	0.0%	UNK	UNK	gallons / 10000 Parts
Biodiesel	0.0%	UNK	UNK	gallons / 10000 Parts
Residual Fuel Oil (#4-6)	0.0%	UNK	UNK	gallons / 10000 Parts
Wind	0.0%	UNK	UNK	kWh / 10000 Parts
Hydro	0.0%	UNK	UNK	kWh / 10000 Parts
Solar Photovoltaic (PV)	0.0%	UNK	UNK	kWh / 10000 Parts
Solar Thermal	0.0%	UNK	UNK	MMBtus / 10000 Parts
Geothermal	0.0%	UNK	UNK	MMBtus / 10000 Parts
Biomass	0.0%	UNK	UNK	US tons / 10000 Parts
Biogas	0.0%	UNK	UNK	MMBtus / 10000 Parts
Other (quantity)	0.0%	UNK	UNK	/ 10000 Parts
Other (fuel type)		UNK	0.000000	

Appendix 1- 2023 Metrics cont.

ON-SITE RENEWABLE ENERGY CAPACITY				
Metric	% Change	Current	Baseline	Units
Wind	0.0%	0.000000	0.000000	kW
Hydro	0.0%	0.000000	0.000000	kW
Solar Photovoltaic (PV)	0.0%	0.000000	0.000000	kW
Solar Thermal	0.0%	0.000000	0.000000	MMBtus
Geothermal	0.0%	0.000000	0.000000	MMBtus
Biomass	0.0%	0.000000	0.000000	US tons
Biodigester	0.0%	0.000000	0.000000	US tons
Other (quantity)	0.0%	0.000000	0.000000	0
Other Energy Type		0.000000	0.000000	
REC Amount Purchased	0.0%	0.000000	0.000000	kW
REC Energy Source		0.000000	0.000000	

AIR				
Metric	% Change	Current	Baseline	Units
Volatile Organic Compounds	-26.0%	3.541677	4.785810	Ibs / 10000 Parts
Ozone-depleting Substances	0.0%	UNK	UNK	Ibs / 10000 Parts
Greenhouse Gas Emissions	0.0%	UNK	UNK	Ibs / 10000 Parts
Hazardous Air Pollutants	-11.7%	2.737383	3.099852	Ibs / 10000 Parts

TRANSPORTATION		Totals of each fuel type		
Metric - Fleet	% Change	Current	Baseline	
Gasoline	0.0%	2	2	
Diesel	0.0%	0	0	
Electric - plugin	0.0%	0	0	
Electric - hybrid	0.0%	0	0	
CNG	0.0%	0	0	
Propane	0.0%	0	0	
Biodiesel	0.0%	0	0	
RNG/BioGas	0.0%	0	0	
Other (quantity)	0.0%	0	0	
Other (fuel type)		0	0	
Total	0.0%	2	2	
METRIC - Equipment		% Change	Current	Baseline
Gasoline	0.0%	0	0	
Diesel	0.0%	0	0	
Electric - plugin	0.0%	4	4	
CNG	0.0%	0	0	
Propane	0.0%	4	4	
Biodiesel	0.0%	0	0	
RNG/BioGas	0.0%	0	0	
Other (quantity)	0.0%	0	0	
Other Fuel Type (enter fuel type used for "other" above)		0	0	
Total Equipment	0.0%	8	8	

Appendix 2- Environmental Policy



ENVIRONMENTAL POLICY:

1. Serigraph Inc. will continually improve its Environmental Management System and environmental and energy performance indicators, to help protect the environment.
2. Serigraph Inc. shall endeavor to:
 - a. Maximize the efficient use of raw materials and energy.
 - b. Reduce scrap and waste.
3. Serigraph Inc. shall comply with applicable legal requirements, compliance obligations and with other requirements which are subscribed to that relate to its environmental aspects.
4. Serigraph Inc. shall communicate this policy to all interested parties as needed.
5. Serigraph Inc. shall protect the environment, and adopt the approach of pollution prevention instead of detection.

CORPORATE

ENVIRONMENTAL

OBJECTIVES:

1. Continually reduce VOC's by converting to low VOC Inks whenever possible.
2. Recycle all materials whenever possible.



Appendix 3: Green Tier Certification

Green Tier Functionally Equivalent EMS Audit Report

Rev. 05/01/2020
Pub CO-XXX

Company Name:	Serigraph Inc.	Lead Auditor:	Christopher J. Unke
Facility Name:	Main Office	Auditor Company:	Adapt Management Consulting
Facility Address:	3801 East Decorah Road West Bend, WI 53095	Auditor Phone:	262 271 7283
Point of Contact:	Justin Reichert	Auditor Email:	chris.unke@adaptmanagementconsulting.com
Contact Phone:	262-335-7306	Audit Team Members:	N/A
Contact Email:	jreichert@serigraph.com		

Audit Report:	Documentation 2/2/2024
Scope of Audit:	Green Tier 15 Elements of a Functionally Equivalent EMS.
Audit Objectives:	Confirm conformance to Wisconsin DNR Green Tier 15 Elements of a Functionally Equivalent EMS.
# of Employees	Employees - 206 COO position is vacant, Justin Reichert - Environmental Health & Safety Manager
Locations	One site: 3801 East Decorah Road West Bend, WI 53095

Audit Report Distribution:

Copy provided to jreichert@serigraph.com via email.

Audit Conclusion:

I conclude that Serigraph Inc has established and maintained its management system in line with the requirements of the Green Tier 15 Elements of a Functionally Equivalent EMS and demonstrated the ability of their system to achieve requirements within their scope, policy and objectives.

The minor finding identified in the audit should be addressed with the internal corrective action system and submitted to the auditor with evidence within 90 days.

B. Declaration of Conformance

CURRENTLY IN CONFORMANCE:

The EMS is mostly effective and fulfills requirements in accordance with Green Tier law [299.83 (1)(dg)].

Auditor (please print): Christopher J Unke	Declaration Date: 2/2/2024
Signature:	

Appendix 4: Green Tier Contract Signature Page


Participation Contract for Superior Environmental Performance with Serigraph, Inc. West Bend, WI

IN WITNESS WHEREOF, the parties by their signatures shall cause this Contract to be in effect until August 31, 2027.

Signed for and on behalf of:

State of Wisconsin
Department of Natural Resources



By: 

Date: 9/1/2022

Preston Cole
Secretary

Participation Contract for Superior Environmental Performance with Serigraph, Inc. West Bend, WI

IN WITNESS WHEREOF, the parties by their signatures shall cause this Contract to be in effect until August 31, 2027.

Signed for and on behalf of:

Serigraph, Inc.

Serigraph inc.
®

By: 

Date: 9/1/2022

Sean Torinus
CEO Serigraph, Inc.

Appendix 5

ISO: 14001 Certification

Verisys Registrars®

Helpful Auditing

Certificate of Registration

The Management System of

Serigraph Inc.

3801 East Decorah Road West Bend, Wisconsin 53095 USA

has been assessed and certified by Verisys Registrars as meeting the requirements of

ISO 14001:2015

for the following scope of registration:

Manufacture of Graphic Appliques.

**Certificate
Number
S022818**



Original Approval 4/27/2012
Effective Date 2/25/2024
Certificate Expires 2/24/2027

The use of this certification mark indicates certification in respect to those activities covered by registration.



On behalf of Verisys Registrars - Mike Faschingbauer, Operations Manager

Verisys Registrars LLC 200 South Executive Drive Suite 101, Brookfield, Wisconsin 53005 USA

This certificate is valid only if the company maintains its management system to the required standard and to conditions and schedules established by Verisys Registrars. In issuing this certificate Verisys Registrars assumes no liability to any party.