



- In June 2013, Empire joined an elite group of businesses holding the honor of **Green Tier certification**. dnr.wi.gov/topic/GreenTier/Participants/EmpireScreenPrinting.html
- In 2014, Empire implemented an **Environmental Management System (EMS)** which follows the ISO:14001 standard. The EMS is a set of processes and procedures of the best practices to monitor and improve our environmental impacts.
- We were **recognized by PRINTING United Alliance (PrUA), formally SGIA**, for superior sustainability practices in 2021, 2020, 2018, 2017, 2016, 2015, & 2013.
- As a **film-free facility**, our digital direct-to-screen and direct-to-plate units eliminate the need for petroleum based film and hazardous film developing chemicals.
- Implemented a **10-magazine Dane Unit** that reclaims screens and utilizes a closed-looped chemical recovery system in 2021.
- **Solvent reclamation and ink recycling** practices have been in place since 1988.
- Ink systems with low VOCs and less hazardous air pollutants are used at Empire. **100% of our inks are UV**, eliminating the need for solvent based inks.
- We are the **first company to successfully utilize UV LED curing in screen printing** as an economical and environmentally sustainable print method. 90% of our manufacturing uses UV LED.
- **UV LED** curing technology produces **no ozone** emissions, reduces energy consumption, and eliminates the need for high-energy mercury vapor bulbs. **UV LED is 98% more energy efficient** than mercury vapor. For example, the energy savings on a 3 color press is \$47,138 (UV Mercury) vs. \$1,044 (UV LED) based on 5,000 hours at 10kw.
- We promote sustainability in production through the **Lean Business Model** and **cellular manufacturing**.
- Our **Green Team** is committed to researching and evaluating ways to reduce, re-use, and recycle at all levels of the company.
- We have implemented a successful plant-wide recycling program that reduces our carbon footprint. Since starting the program in 2012, we have **diverted over 2,896 tons of waste from the landfill**, through recycling and energy conversion.
- **Striving for a paperless work flow**, Empire has the ability to provide digital proofs, quotes, notifications, invoicing, and online ordering, which improves efficiency and reduces waste.
- Lighting and HVAC system upgrades and replacements continue to move us towards **energy efficiency** and environmentally friendly refrigerants.
- Our vehicle fleet is comprised of energy efficient gas and **electric hybrids** that drive down fuel costs and provide for a more **sustainable future**.
- Recipients of the WI Green Masters Professional Certificate in 2021, 2020, 2019, 2018, & 2016.



EMPIRE SCREEN PRINTING

is nestled in a scenic Mississippi River valley in Onalaska, WI. This beautiful location is a constant reminder of our responsibility to the environment. We have always been conscious of that fact. Our path to sustainability wasn't something accomplished overnight, but something that evolved over several decades. We weren't afraid to embrace new technologies and think outside of the box. Our goal is not only to follow industry standards; but to raise the bar and set the standard. We are **printing with purpose!**



OUR ACHIEVEMENTS

