

# **enHance Class of 2022**

## **New and Renewing Members**

The Mississippi Department of Environmental Quality and the Mississippi Manufacturers Association are pleased to recognize the enHance Class of 2022. The Class of 2022 has added two new members and 10 renewing members to the enHance program. Members can join enHance at different levels including Leaders, Stewards, and Associates. The enHance Class of 2022 includes the following organizations:

### **LEADERS**

#### **Anel Corporation of Winona, Mississippi - Renewing Member**

The Anel Corporation fabricates steel products, used primarily for the mining truck industry. With 131 employees at their Winona location, the company is ISO14001 certified. Anel Corporation's enHance projects have focused on the reduction, reuse, and recycling of wastes, when at all possible. One opportunity for waste reduction was accomplished by adding filter screens to each machine that will extend the coolant life for the machine. In addition, the Company has transitioned to LED lighting in one of the production areas that will lower Anel's overall power usage as well as reduce the amount of waste light bulbs. The Anel Corporation also sponsors a community recycling event for used oil.

#### **Hol-Mac Plant #1 (South) of Bay Springs, Mississippi – Renewing Member**

The Hol-Mac Plant #1 produces non-code vacuum systems, heavy custom fabrication and machining and custom tool design. Plant 1 employs 220 people at the Bay Springs location. Hol-Mac Plant 1's projects included: first a project to reduce the load on air compressors in the facility by an increased intense focus on eliminating leaks from the compressed air system. This reduction in leaks increases the efficiency of the system and reduces the amount of electricity used in the plant. The 2<sup>nd</sup> project involves the construction of a "dark room" which a forklift may be driven into. A black light (and any required additive indicator) will be used to inspect the lift for even the slightest leak prior to the vehicle being rod tested and that should eliminate even the smallest leaks of fluids from the forklift. In addition to these projects Hol-Mac Plant 1 also will join the Adopt-A-Highway program to help with litter removal in the community.

#### **Hol-Mac Plant #2 also of Bay Springs, Mississippi – Renewing Member**

Hol-Mac Plant #2 produces hydraulic cylinders that are used in applications throughout the world. The Hol-Mac Plant #2 employs 225 at its Bay Springs location. Hol-Mac Plant 2's enHance projects include: an energy reduction program that begins with replacing lighting fixtures each month until the company's replacement goals are accomplished. Ultimately, the company projects that this project will reduce energy use by some 90,000 kwh. The second project is an air compressor improvement project that involves the acquisition of a new air compressor along with a separate bulk air storage tank to improve efficiency of the compressor in plant use. Hol-Mac Plant #2 also plans to participate in the Adopt-A-Highway program for litter removal along state highways and is looking to sponsor a community wildlife habitat or land preservation project.

#### **Hol-Mac Plant #3 also of Bay Springs, Mississippi – Renewing Member**

Hol-Mac Plant 3 produces grapple trucks, refuse trucks, and proprietary bumpers for various applications. The company employs 167 at its Bay Springs location. Hol-Mac Plant #3's projects include the implementation of a water conservation project that will observe the chemical use in the plant's three-stage washer. When implemented, the Company believes this project could reduce water usage by over 5,368 gallons per year. Another project for Hol-Mac Plant 3 includes the evaluation of hydraulic oil disposal. The company is looking to make improvements to ensure that oil does not reach facility storm water and is also looking at reducing the frequency of used oil off-site transport. When implemented, the Company believes this project could reduce up to 600 gallons per year of hazardous waste generated. Hol-Mac Plant #3 plans also to organize a community trash clean up in the town of Bay Springs.

### **Ingalls Shipbuilding Division of Huntington Ingalls Incorporated of Pascagoula, Mississippi– New Member**

Ingalls Shipbuilding is the largest shipbuilder of naval warships in the United States and a builder of four classes of ships. Ingalls employs over 10,000 people at the Pascagoula location. Their projects include one to increase a Covered Manufacturing Space with a Jumbo retractable tent structure. This structure was erected to reduce storm water exposure to shipbuilding manufacturing processes over 25.5 acres. The project had covered areas that reduce rainfall onto metal materials and resulted in a reduction in metals like Zinc 67.2% and Copper 51.8% in the storm water runoff. A second project involves a Facility Lighting Upgrade. This project involved upgrading Incandescent, Metal Halide and Fluorescent light fixtures, totaling over 1.6 million watts being replaced with energy efficient LED type fixtures totaling about half that amount of wattage at 820,856 watts. This resulted in a savings of almost 800,000 watts (795,984 watts) and resulted in a cost savings of \$706,000 annually and reduced power requirements from 1.6 Megawatts to .82 Megawatts. The project also resulted in higher quality lighting in many spaces

### **Siemens Energy, Inc., of Richland, Mississippi – Renewing Member**

Siemens Energy manufactures and assembles high voltage circuit breakers and voltage regulators. Siemens employs 400 people at its Richland facility. Siemens is renewing its membership in *enHance* and is also ISO 14001 certified. The Company's *enHance* projects include one to reduce wastes being disposed in landfills by implementing a recycling program for absorbent pads and excluded solvent-contaminated wipes. The second project to be conducted by Siemens is a water usage reduction project. The project will involve transitioning to touchless faucets in the plant to reduce water usage and conserve energy. The project is expected to reduce water usage by up to 50% from current rates of use. Siemens is also exploring the potential sponsorship of an exhibit that promotes conservation at a local museum.

## **STEWARDS**

### **Haworth, Incorporated, of Bruce, Mississippi – Renewing Member**

Haworth, Inc. is a seating, manufacturing assembly facility. The facility employs more than 300 people at its Bruce locations. As part of their corporate sustainability efforts, Haworth has achieved Zero Landfill Waste. The plant is also ISO 14001 Certified. Haworth's *enHance* projects include a project to increase air compressor efficiency. The project will involve the renovation and upgrade of the current compressed air system to increase efficiency and reduce the use of electricity. A second project involves the replacement of forklifts at the plant replacing the current natural gas forklifts with electric forklifts. This project will result in a reduction time use of natural gas.

### **PACCAR Engine Company of Columbus, Mississippi - Renewing Member**

PACCAR Engine Company produces diesel engines and parts, in accordance with TS and ISO standards. The PACCAR Engine Company employees over 600 people at its Columbus location. The company maintains an Environmental Management System to improve its environmental management and ultimately reduce the environmental impact of its manufacturing operations. PACCAR's *enHance* project includes a product re-packaging effort. The company intends to work with its suppliers and vendors to evaluate and implement opportunities to re-package parts and supplies coming into the plant. The re-packaging efforts will help reduce the amount of packaging waste generated at the plant, in particular the plant's cardboard waste stream.

### **The Southwire Company of Starkville, Mississippi – Renewing Member**

Southwire is a wire and cable manufacturer and distributor. The company employs 220 people at its Starkville location. Southwire has a "Going Green Committee" that helps directs conservation efforts for the plant and directly involves its employees in determining potential projects to make the plant more sustainable. Southwire's *enHance* projects include a water conservation project and energy use reduction project. For the water conservation project, the company plans to install a reverse osmosis system that is expected to result in an annual savings of 29,000 gallons of water. Southwire's energy use reduction project proposes to replace the current air compressor system which, when completed, is expected to save the plant more than 120,000 kwh.

### **Yokohama Tire Manufacturing Mississippi of West Point, Mississippi – New Member**

Yokohama Tire Manufacturing Corporation manufactures commercial truck and bus tires at its West Point location. The company employs some 722 people. The company is a new member this year joining in the Steward category. Yokohama Tire was the first Japanese tire manufacturer to be granted ISO9001 certification in recognition of a quality-assurance model-company in design, development, manufacture installation, and related services. The company has proposed a couple of improvement projects as part of their *enHance* membership. The first project involves the reduction of scorch compound -a rubber material in the process that has prematurely cured. This project reduces the amount of solid wastes generated creating a cost savings in both raw materials and waste disposal. The 2<sup>nd</sup> project involved the installation and use of a Tread Centering Camera. T.O.C. (or tread off center) is a defect on a cured tire in the manufacturing process that can cause failure of the tire. The company's project involved the installation of a tread centering camera on the tire building machines to identify when the white center line on the capread is not centered. This project reduces the amount of scrap tires generated in the process as well as a cost savings for the company.

## **ASSOCIATES**

### **Airbus Helicopters Incorporated of Columbus, Mississippi – Renewing Member**

Airbus Helicopters manufactures and assembles helicopters as their name indicates. The company employs approximately 200 people at the Columbus facility. Airbus is working on several sustainability initiatives to reduce environmental impacts at the plant with a focus on reducing CO2 emissions from the operation at the facility. Projects being implemented include the sourcing of sustainable aviation fuel, installation of LED lighting, electrification of all ground support equipment, and replacement of old HVAC systems with high efficiency units over the next five years. The company is also evaluating the construction of a 2 MW solar farm to reduce stationary CO2 emissions by 85% before the year 2030.

### **The Keith Huber Corporation of Gulfport, Mississippi – Renewing Member**

The Keith Huber Corporation manufacturers mobile vacuum loading equipment and industrial water jetting machines. The Keith Huber Corporation employs 75 people at its Gulfport location. The company's *enHance* projects include the implementation of a recycling program for scrap pallets, boards, and other similar wastes. The wood wastes will be diverted from the landfill to a location where the wood wastes will be re-purposed. The diversion project will result in a reduction of solid wastes being disposed at the landfill, which also will potentially save disposal costs for the company. In addition, the company is implementing a project involving the LED lighting upgrades in the FAB department that will reduce energy usage and CO2 emissions.

**MDEQ and MMA congratulate these companies on their membership in *enHance* and on their extraordinary efforts to improve Mississippi's environment.**