

January 2024

Dear Industry Professional,

The Professional Engineers in Industry practice division of the Ohio Society of Professional Engineers is pleased to announce its Ohio New Product Award competition.

If your company has developed a new process or product, it may be eligible for the state competition.

Nominations are grouped according to the size of the manufacturing company. Winners will be selected in four firm size categories:

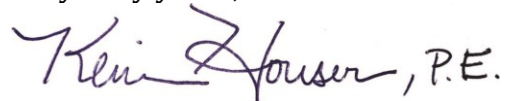
- Small - 50 or fewer employees
- Medium - 51 to 200 employees
- Large - 201 to 9,999 employees
- Mega - 10,000 or more employees

Judging is performed by the OSPE-PEI Awards Committee. Nominations must be submitted on the entry form, which you may also copy for multiple applications. A winner will be selected in each of the aforementioned firm size categories.

If you have any questions, please contact us at [admin@ohioengineer.com](mailto:admin@ohioengineer.com).

It will be a pleasure to receive an entry from your company.

Very truly yours,



**Kevin Houser, PE**  
Chairman  
Professional Engineers in Industry



**Dennis Irwin, PhD, PE, FNSPE**  
OSPE President

## OHIO NEW PRODUCT AWARD

### Purpose & Criteria:

- The purpose of the New Product Award is to stimulate and recognize the full spectrum of benefits that come from the research and engineering of new products or processes. These include added employment, economic development, strengthening of the nation's competitive position internationally and contribution to the public's standard of living.
- New and improved products stimulate the life and growth of our country. These benefits result from research and development to which engineers make their unique contribution. This competition recognizes the results of those efforts and the foresight of the companies whose aggressive research and development bring new products to the marketplace.
- Any new product, machine, process or material that has been primarily designed and manufactured **in Ohio** and in use or recently on the market may be entered.
- Ohio awards will receive significant recognition, including coverage by news media and the *OhioENGINEER* magazine to promote the greatest public exposure for winning products and companies.
- Judging Criteria
  - A. 20% - Sales and economic impact:
    - Marketing* - describe the success of any marketing efforts to date.
    - Economic Impact* - use of raw materials, jobs created, market share, exports, etc.
  - B. 40% - Innovative use of engineering principles:
    - Creativity* - describe how product is unique from other similar products.
    - Technology* - describe how new or current technology is used in manufacturing or production and what novel engineering principles are incorporated into its design.
    - Quality* - describe how it is superior in its reliability, accuracy, maintainability and construction.
  - C. 40% - Improved function:
    - Savings* - in final cost, savings to the user, savings to the environment in its production.
    - Productivity* - efficiency in design and/or production or ease of use.
    - Energy* - savings in use of energy during production or in use of product (measured in kwh, btu, etc.).
    - Safety* - improved safety in the production process or to the consumer in the use of the product.

## **OHIO NEW PRODUCT AWARD**

### **Rules:**

1. Entries must be received by OSPE no later than **5:00 pm, March 31, 2024**, at *the email or street address on this letterhead*.
2. Winners may be selected in four employment categories - small, medium, large and mega.
3. The product should have been first placed on the market between September 1, **2020** -- September 1, **2023**.
4. Any new product, machine, process or material that has been primarily developed and manufactured in Ohio may be entered.
5. Submitting additional pages or materials is encouraged and must be on an 8½" x 11" page format.
6. Applications should be on the OSPE Entry Form with any supporting material or bound in any appropriate manner.
7. Nomination material, including product samples, become the property of OSPE and will not be returned except through prior request.
8. Product samples and photos should be submitted if feasible.
9. Entry Fee: For each product application, the entry fee is \$50. This entry fee is waived for NSPE-OH members. Members, please provide your member number.
10. Checks should be made payable to **Ohio Society of Professional Engineers-PEI**.

**Questions should be addressed to [admin@ohioengineer.com](mailto:admin@ohioengineer.com).**

**OHIO NEW PRODUCT AWARD**  
**Entry Form**

Please submit this form, together with product sample, supporting literature, description of product, machine, process or material, entry fee or photographs.

Today's Date: \_\_\_\_ / \_\_\_\_ / 20\_\_\_\_

Date initially marketed: \_\_\_\_ / \_\_\_\_ / 20\_\_\_\_

Submitting Employee's Name: \_\_\_\_\_

NSPE-OH Member #: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Work Phone: \_\_\_\_\_ Mobile Phone: \_\_\_\_\_

Email: \_\_\_\_\_

Product name and description (enclose photographs):

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Unit retail or end sales price: \$ \_\_\_\_\_

Applicability to the judging criteria:

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Location(s) of plant(s) at which product was manufactured:

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Number of employees on this project: \_\_\_\_\_ Company wide (if multiplant): \_\_\_\_\_

Name & email addresses of local news media/reporters (newspapers, radio, TV):

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Submitting Employee Signature: \_\_\_\_\_

**CONGRATULATIONS!**  
**Past Ohio New Product Award Winners:**

**Pioneer Industrial Systems, LLC**

"Robotic Maintenance Vehicle"  
Alvordton, Ohio

**Parker Hannifin Corporation,  
Hydraulic Filter Division**

"PLC 2000 Portable Laser Particle Counter  
Fluid Analysis Instrument"  
Metomora, Ohio

**Advanced Drainage Systems, Inc.**

"ADS N-12 HC 42" and 48" Diameter  
Profile Wall Polyethylene Pipe"  
Columbus, Ohio

**Denison Hydraulics, Inc.**

"P16 Open Loop Pump"  
Marysville, Ohio

**Ohio Edison Company**

"Co-fire Whole Tires and Pulverized  
Coal in Wet Slag Bottom Boiler Process"  
Akron, Ohio

**Keithly Instruments, Inc.**

"Model 2001 Multimeter"  
Cleveland, Ohio

**BriskHeat Corporation**

"Heated Vacuum Debarking and Curing Table"  
Columbus, Ohio

**Parker Hannifin Corporation**

"Parflange 1030 Tube Flanging Machine"  
Columbus, Ohio

**Advanced Drainage Systems, Inc.**

"AdvanEDGE Drainage System"  
Columbus, Ohio

**Holophane Corporation**

"PoleStar Family of Outdoor Lights"  
Newark, Ohio

**BETA LaserMike, Inc.**

"High Speed Optical Fiber Flaw Detector"  
Dayton, Ohio

**Flexible Pavements, Inc.**

"Polymer Modified Hot Mix Asphalt"  
Columbus, Ohio

**Monarch Marking Systems**

"8-line DOS-Based PATHFINDER Ultra System"  
Miamisburg, Ohio

**Green Tokai Co., Ltd.**

"Paint Film Technology"  
Brookeville, Ohio

**Ohio Timberland Products**

"Nail-Lam 'Plus' Laminated Building Column"  
Stryker, Ohio

**Akro-Mils**

"ProCart Professional Utility Cart"  
Akron, Ohio

**Pile Dynamics, Inc.**

"Pile Installation Recorder PIR-A"  
Cleveland, Ohio

**Nexicor, LLC**

"KoolGlide Carpet Seaming System With  
Sinch technology"  
Loveland, Ohio

**Eaton Corporation**

"STC EZ - Torque (fluid power connector)"  
Maumee, Ohio

**Exacter, Inc.**

"Exacter Outage-Avoidance System"  
Columbus, Ohio

**Northern States Metals Company**

"Solar Flex Rack"  
Youngstown, Ohio

**# Green Tokai Co., Ltd.**

"Paint Film Technology"  
Brookeville, Ohio

**# Nexicor, LLC**

"KoolGlide Carpet Seaming System With  
Sinch Technology"  
Loveland, Ohio

**# National Competition Winner**