



## *2012 MSPE/PEI New Product Award*

### *Information and Instructions*

#### *Introduction and Purpose*

New and improved products stimulate the life and growth of our state. 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 policies bring new products to the marketplace.

The purpose of the MSPE/PEI New Product Award program is to recognize the full spectrum of benefits that come from the research and engineering of new products. These include added employment, economic development, strengthening of the nation's competitive position internationally, and contribution to the public's standard of living.

#### *Eligibility*

Any new product, machine, process, or material that has been developed totally or in part in Missouri may be entered provided that it was first placed on the market between 2007 and 2011.

#### *Entry Forms/Fees*

The nomination form is on the opposite page. There is a **\$50 entry fee**. Make checks payable to MSPE.

#### *Judging*

Nominations will be grouped according to size of company. Winners will be selected in four employment categories: small (50 or fewer employees), medium (51 to 199 employees), large (200 to 9,999 employees), and mega (10,000 or more employees).

#### *Presentation*

Awards will be presented by MSPE during the Society's Annual Convention in June.

#### *Publicity*

Extensive coverage by the news media will be encouraged to promote the greatest public exposure for the winning products and companies. Prior years' winners will be featured in announcements for succeeding competitions.

#### *NSPE New Product Award*

The top two finalists of the MSPE Award in each of the four size categories are eligible for the National Society of Professional Engineers New Product Award contest.

#### *Rules*

1. Entries must be submitted to MSPE no later than **April 1, 2012**.
2. The entry should include a detailed product description including photos, brochures, and samples if feasible.
3. The entries will be judged on the following criteria. Please be as specific as possible.

## Criteria

### **Sales and economic impact (20%):**

**Marketing** - describe the success of any marketing efforts to date.

**Economic impact** - describe the product's impact or anticipated impact on the economy. Discuss the use of raw materials, jobs and/or engineering positions created, market share, exports, etc.

### **Innovative use of engineering principles (40%):**

**Creativity** - describe how this product is unique from other products providing the same or similar functions.

**Technology** - describe how new or current technology is used in the manufacture or production of this product and/or what novel engineering principles are incorporated into its design.

**Quality** - describe how this product is superior in its reliability, accuracy, maintainability and construction

**P.E. Contribution** – describe any involvement by a Professional Engineer(s) in the planning/design/production of this product. Provide a description of involvement, name(s), registration number(s) and state(s) registered in.

### **Improved function (40%):**

**Savings** - savings in final cost of product, savings to user of product, savings to environment in its production or use or savings over previous product performing the same function.

**Productivity** - efficiency in design and/or production or in ease of use of product, or increased efficiency or ease of use resulting from additional functions over that of a previous product.

**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 consumer in use of product.

4. The entry should be separated into sections for each of the above criteria. Application and materials can be sent via hard copy on 8-1/2" x 11" sheets (4 copies needed) to MSPE or via email to [pei@mspe.org](mailto:pei@mspe.org).
5. Nomination materials, including product samples, become the property of MSPE and will not be returned except through prior request.

# 2012 MSPE/PEI New Product Award Entry Form

Please send this application, a \$50 entry check payable to MSPE, supporting materials, and samples (or photos) to MSPE Headquarters. Entries must be submitted no later than **Monday, April 2, 2012** to: MSPE New Product Award, 200 E. McCarty, Suite 200, Jefferson City, MO 65101, or via email at: pei@mspe.org.

Product name and description: \_\_\_\_\_

Date initially marketed (2007-2011): \_\_\_\_\_ Unit retail or end sales price: \_\_\_\_\_

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

Description of other services performed or products manufactured at this location:

Number of employees on this project: \_\_\_\_\_ Number of employees companywide: \_\_\_\_\_

Number of P.E.'s on this project: \_\_\_\_\_

*\*Please attach a list of the names and addresses of local newspapers for publicity.*

*\*\*Please attach a list of national and/or state manufacturing/engineering organizations (if any) to which your company belongs.*

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

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

Title: \_\_\_\_\_

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

Signature: \_\_\_\_\_

*The granting of an award by the Missouri Society of Professional Engineers is not intended in any manner to constitute an endorsement of any product or service.*