



# American Society of Mechanical Engineers Materials & Energy Recovery Division 2014 Facility Recognition Awards *Nomination Guidelines*

## **Award Categories**

One award category will be presented each year (subject to the availability of suitable nominations) at NAWTEC. You can select from one of these three categories:

- **Combustion**
- **Material Recovery**
- **Research Facility or Project**

The “Combustion” category includes all thermal processing facilities that utilize non-fossil fuels. Such fuels include raw municipal solid waste, refuse-derived fuel, landfill gas, wood waste, tires, and other biomass fuels.

The “Material Recovery” category includes all non-thermal processing facilities that recover materials from the waste stream. Such processes encompass both recycling and composting.

The “Research Facility or Project” category includes pilot plant facilities or research in solid waste management that will lead to future commercialization.

## **Nomination Process**

Any Materials & Energy Recovery Division (MER) member in good standing may nominate a facility for the MER Facility Recognition Award. Self-nominations by facility personnel are welcome. Interested parties should complete the award nomination form available from the MER Division.

## **Selection Criteria**

The award is based on the facility contributions to the field of solid waste processing. The key selection criteria are:

- Success in Reaching Facility Goals
- Innovative Contributions to Solid Waste Processing
- Technical Contributions to Solid Waste Processing
- Environmental Performance
- Facility Economics & Safety
- Role in Integrated Waste Management

Nominations will be judged by the MER Division Facility Recognition Award Subcommittee of the Honors and Awards Committee, with approval of the recommended facilities by the Executive Committee.

## **Award Presentation**

The awards will be presented at the annual National Waste Processing Conference (NAWTEC). The award will consist of a plaque suitable for mounting at the facility. The ASME MER committee may also present the award at the site, if so requested by the Facility.

## **Communication of Award**

The MER Division will publicize the award through press releases and various ASME and waste management industry publications.

## **Nomination Due Date**

Nominations are due March 10, 2014. Please submit to:

Nat Egosi  
RRT Design & Construction  
One Huntington Quadrangle, Suite 3S01  
Melville, NY 11747 USA

## **Additional Information**

For further information, please contact Nat Egosi at telephone 631-756-1060 Extension 108, fax 631-756-1064, Email: NEgosi@rrtenviro.com

ASME MER Division Facility Recognition Award Nomination Form



**American Society of Mechanical Engineers  
Material & Energy Recovery Division  
2014 Facility Recognition Awards  
Nomination Form**

**1. Award Category**

Identify the award category for which the facility is being nominated (i.e., combustion, material recovery, research facility or project).

The combustion category includes all thermal processing facilities that utilize non-fossil fuels. Such fuels include raw municipal solid waste, refuse-derived fuel, landfill gas, wood waste, tires, and other biomass fuels. The material recovery category includes all non-thermal processing facilities that recover materials from the waste stream. Such processes encompass both recycling and composting. The “Research Facility or Project” category includes pilot plant facilities or research in solid waste management that will lead to future commercialization.

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**2. Facility Name**

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**3. Facility Address**

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**4. Owner**

Organization: \_\_\_\_\_

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

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

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

**5. Operator**

Organization: \_\_\_\_\_

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

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

## ASME MER Division Facility Recognition Award Nomination Form

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

### 6. Throughput Capacity (tons per day)

### 7. Facility Description

Provide a general description of the facility, including each major piece of equipment. Include attachment as needed.

### 8. Summary of Facility Operations

Provide a general summary of facility operations, including date of initial operating, hours of operation, flow of materials through the facility, materials and/or energy recovered, staffing, and other key operational features. Include attachment as needed.

## ASME MER Division Facility Recognition Award Nomination Form

### **9. Key Contributions to the Field of Solid Waste Processing toward Material & Energy Recovery**

The ASME Materials & Energy Recovery Division Facility Recognition Award is based on information provided in this section regarding the facility's contributions to the field of solid waste processing toward materials and energy recovery. The key selection criteria and weighting factors are as follows:

#### **I. Success in Reaching Facility Operation Requirements (20%)**

*Discuss the established operating requirements for the facility, and the history of the facility with respect to meeting those operating requirements.*

#### **ii. Innovative Contributions to Solid Waste Processing (30%)**

*Describe the facility's contributions to solid waste processing towards material and energy recovery with respect to originality; innovative design, equipment, or operations; approaches to solving historical problems in solid waste processing; and/or new applications of equipment or materials. Discuss the health & safety programs employed in the facility and your goals.*

#### **iii. Technical Contributions to Solid Waste Processing (20%)**

*Describe the facility's contributions to solid waste processing towards material and energy recovery with respect to complexity of technical achievements, dissemination of technical findings and accomplishments to the solid waste processing field, and/or impacts of this facility on the design of or practices at other solid waste processing facilities.*

## ASME MER Division Facility Recognition Award Nomination Form

### **iv. Environmental Performance (10%)**

*Discuss the environmental performance of the facility with respect to air quality, water quality, workplace environment, and other pertinent environmental areas. Include attachments as needed (e.g. monitoring data, graphs).*

### **v. Facility Economics (10%)**

*Discuss comparative costs/tipping fees for the facility with respect to similar and alternative waste management facilities.*

### **vi. Role in Integrated Waste Management (10%)**

*Describe the role of the facility in providing integrated waste management to the community.*

## **10. Supplemental Information**

Any supplemental information describing the facility and its operational performance may be included in the submittal (e.g., photos, drawings, journal articles, operating data).

## ASME MER Division Facility Recognition Award Nomination Form

### Submitted By

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

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

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

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

Date: \_\_\_\_\_

### Number of Copies

One (1) complete "hard" copy of the nomination submittal and one (1) electronic copy on a CD should be provided.

### Nomination Due Date

Nominations are due March 10, 2014 to:

Nat Egosi  
RRT Design & Construction  
One Huntington Quadrangle, Suite 3S01  
Melville, NY 11747 USA  
Tel: 631-756-1060 Extension 108  
Fax: 631-756-1064  
Cell: 516-318-7186  
Email: NEgosi@rrtenviro.com

### Selection Process

Nominations will be judged by the MER Division's Facility Recognition Award Subcommittee of the Honors and Awards Committee, based on the selection criteria described above. The selection process will be completed upon approval of the recommended facilities by the MER Division's Executive Committee.

### Award Presentation

The award will be presented at the annual Waste-To-Energy Conference (NAWTEC) in May 2014. The award will consist of a plaque suitable for mounting at the facility. A duplicate plaque will also be provided for sharing the award with the owner when different than the operator. Additionally a color poster board is prepared for display throughout the conference and the awardees are featured in the color presentation booklet presented at the award luncheon. The MER Division may also present the award at the site, if so requested by the Facility

### Communication of Award

The MER division will publicize the award through press releases and various ASME and waste management industry publication.

### Eligibility

Any MER division member in good standing may nominate a facility for the MER division Facility Recognition Award. Self-nominations by facility personnel are welcome.