FORM FOR SCORING OF TRAINING RESOURCE TO FULLFILL FEDERAL BUILDING PERSONNEL TRAINING ACT (FBPTA) CORE COMPETENCIES

The FBPTA requires Federal building personnel to demonstrate compliance with a set of Core Competencies. The General Services Administration (GSA) accepts submissions for courses, certificates, validations, accreditations, registraions, licenses, and other qualifications that demonstrate alignment with the FBPTA Core Competencies. GSA will post resources that sufficiently map to FBPTA Core Competency requirements on the FEMP webpage (see this page) and may incorporate them into the Core Competency Web Tool. The Web Tool allows Federal building personnel to immediately claim credit for competencies met by completing approved training. FMI and the Core Competency Web Tool help Federal employees identify appropriate training, and allow Federal agencies to share information on training sources. To qualify for consideration, submitters complete this form describing how a specific training resource, certification / accreditation, license or other resource aligns with FBPTA core competencies through AskFMI@gsa.gov.

Initial Review Conducted By: Maria Fara
Initial Review Submission Completion Date: December 9, 2013
Technical Review Conducted By: Maria Fara
Technical Review Submission Completion Date: January 21, 2014

Alignment of Competency with Functional Roles

- Often Aligned with Facility Management roles (24/43 Core Competencies)
- Often Aligned with Building Operations Professional roles (6/43 Core Competencies)
- Often Aligned with Energy Management Role (7/43 Core Competencies)
- Often Aligned with more than one role (6/43 Core Competencies)

1. Please complete the following for each training course submitted for consideration:

   
   Provider address information (primary physical location, including address, city, state, zip code): Department of Energy, Federal Energy Management Program, 5E-089, Forestal Building, 1000 Independence Avenue, Washington, D.C. 20585
   
   Provider’s primary point of contact for this learning resource (name, primary physical location (if different from provider address information), phone, and email): Beverly Dyer 202-586-7241, beverly.dyer@ee.doe.gov.
   
   Title of this training resource: FEMP02: Planning an Energy Assessment for an Existing Federal Facility
   
   Type of training course: web-based training

   Does this course provide CEUs (Continuing Education Units) and if so, how many and for what occupation or field? CEUs are offered as follows: American Institute of Architects offers 4 Continuing Education Hours, the Green Building Certification Institute offers 4 Continuing Education Hours, and FEMP offers .50 CEUs for this course.

   Learning objective(s) associated with this training course: The objectives are that by completing this course, the learner will be able to complete an energy assessment (audit) for a Federal facility including:

   - selecting the proper energy assessment type and prioritizing the facilities most in need of an energy assessment
   - understanding how key building components such as building envelope and electrical and mechanical systems are assessed
   - assembling an energy assessment team with the proper expertise
   - conducting the energy assessment walkthrough and interviewing key personnel
   - developing the master list of findings from the energy assessment and prioritizing an operational list of improvements
   - measurement and verification activities

   Delivery method and learning methods (delivery methods may include online instruction, classroom instruction, or other means, and learning methods could include lecture, group work, essay work, quizzes, or other learning activities): This is a web-based training divided into 6 learning modules. Methods of instruction include use of advance organizers and review at the end of each module, short video lectures by an expert instructor, narrated information supported by visual reinforcement, interactive exercises, visual displays of information supported by rollover text, links to more in-depth infromation, etc.

   Length of training (in hours): varies by learner but approximately 5 hours.

   URL link to information about the training course, content, and/or syllabus: http://www.wbdg.org/education/femp02.php

   2. Review the course objective(s) that have been submitted as being aligned with required FBPTA performance criteria. Review the learning methods in the course that will support that learning objective(s).

<table>
<thead>
<tr>
<th>FBPTA Core Competency Code</th>
<th>Required FBPTA performance criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of training course:</td>
<td>web-based training</td>
</tr>
<tr>
<td>Length of training (in hours):</td>
<td>varies by learner but approximately 5 hours</td>
</tr>
<tr>
<td>URL link to information about the training course, content, and/or syllabus:</td>
<td><a href="http://www.wbdg.org/education/femp02.php">http://www.wbdg.org/education/femp02.php</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specification</th>
<th>FBPTA Core Competency</th>
<th>Required FBPTA performance criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Performance Review:</td>
<td>Are the learning objectives and skills, goals, key results or other performance metrics in the performance criteria?</td>
<td></td>
</tr>
<tr>
<td>Technical Review:</td>
<td>Are the descriptions clear and logical?</td>
<td></td>
</tr>
<tr>
<td>Technical Review:</td>
<td>Are all materials referenced included with the submission?</td>
<td></td>
</tr>
<tr>
<td>Technical Review:</td>
<td>Are there any clarifications requested?</td>
<td></td>
</tr>
<tr>
<td>Clarification Response From Provider</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Technical Review Conducted By:</td>
<td>Maria Fara</td>
<td></td>
</tr>
<tr>
<td>Technical Review Submission Completion Date:</td>
<td>January 21, 2014</td>
<td></td>
</tr>
</tbody>
</table>

| Technical Review: | Identify other materials submitted |
| Technical Review: | Other Materials Reviewed |

FORM FOR SCORING OF TRAINING RESOURCE TO FULLFILL FEDERAL BUILDING PERSONNEL TRAINING ACT (FBPTA) CORE COMPETENCIES

The FBPTA requires Federal building personnel to demonstrate compliance with a set of Core Competencies. The General Services Administration (GSA) accepts submissions for courses, certificates, validations, accreditations, registraions, licenses, and other qualifications that demonstrate alignment with the FBPTA Core Competencies. GSA will post resources that sufficiently map to FBPTA Core Competency requirements on the FEMP webpage (see this page) and may incorporate them into the Core Competency Web Tool. The Web Tool allows Federal building personnel to immediately claim credit for competencies met by completing approved training. FMI and the Core Competency Web Tool help Federal employees identify appropriate training, and allow Federal agencies to share information on training sources. To qualify for consideration, submitters complete this form describing how a specific training resource, certification / accreditation, license or other resource aligns with FBPTA core competencies through AskFMI@gsa.gov.
<table>
<thead>
<tr>
<th>Module</th>
<th>Learning Objectives</th>
<th>Module 1.1</th>
<th>Module 1.2</th>
<th>Module 1.3</th>
<th>Module 1.4</th>
<th>Module 1.5</th>
<th>Module 1.6</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1.1 Demonstrate knowledge of building systems and how they affect energy use.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td></td>
<td>1.2 Demonstrate ability to identify and develop low-cost and no-cost energy efficiency opportunities.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>2.1</td>
<td>Demonstrate knowledge of how to perform an Energy Savings Assessment.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>2.2</td>
<td>Demonstrate knowledge of how to perform a Building Systems Assessment.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>2.3</td>
<td>Demonstrate knowledge of how to perform a Building Systems Assessment.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>2.4</td>
<td>Demonstrate knowledge of how to perform a Building Systems Assessment.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>2.5</td>
<td>Demonstrate knowledge of how to perform a Building Systems Assessment.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>2.6</td>
<td>Demonstrate knowledge of how to perform a Building Systems Assessment.</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*Notes:*
- Yes indicates that the module addresses the learning objectives and the skills/materials covered.
- No indicates that the module does not address the learning objectives or the skills/materials covered.
- Partial indicates that the module partially addresses the learning objectives or the skills/materials covered.

For more information, please refer to the provided links:
- http://www1.eere.energy.gov/femp/program/om_wgresources.html

---

**Module 1.1: Demonstrate knowledge of building systems and how they affect energy use.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

**Module 1.2: Demonstrate ability to identify and develop low-cost and no-cost energy efficiency opportunities.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

**Module 2.1: Demonstrate knowledge of how to perform an Energy Savings Assessment.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 2.2: Demonstrate knowledge of how to perform a Building Systems Assessment.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 2.3: Demonstrate knowledge of how to perform a Building Systems Assessment.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 2.4: Demonstrate knowledge of how to perform a Building Systems Assessment.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 2.5: Demonstrate knowledge of how to perform a Building Systems Assessment.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 2.6: Demonstrate knowledge of how to perform a Building Systems Assessment.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 3: Assessing Energy Use.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 4: Building Systems Assessment.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 5: Diagnostics and Monitoring.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 6: Energy Audits and Analysis.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 7: Energy Management and Optimization.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 8: Energy Performance and Reporting.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 9: Energy Policy and Planning.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 10: Energy Efficiency Case Studies.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.

---

**Module 11: Energy Efficiency Training and Education.**

- **Yes** if the module addresses the learning objectives and the skills/materials covered.
- **No** if the module does not address the learning objectives or the skills/materials covered.
- **Partial** if the module partially addresses the learning objectives or the skills/materials covered.