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

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

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 3.0 Continuing Education Hours, and FEMP offers .40 CEUs for this course.

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

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).

Based on technical review of

artial. This course received artial credit because it covers h

d tranding. The course does ver entering data into the BAS he interrelationship between BA

monitor and implement verrides and alarm procedures

nd MMS

erformance criteria?

learning objectives and skills, does Are all this resource map to the submiss

Initial Rev

submission

requirements included?

Review:

logical?

Are descriptions clear and

Review: Are all

materials

included with the

submiss

referenced

Review:

Learning Objectives

viewed

Learning objective(s) associated with this certificate program course: Learning objective(s) associated with this training course: By completing this course the learner will demonstrate the skills to

make decisions on critical BAS functionality as it applies to efficiency and cost cutting, indoor environmental quality, operations and maintenance, and safety and security.

For the Social of the Internet of Social of Contract For Social of C 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.

Delivery method and learning methods (delivery methods may include online instruction, cassroom 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 course divided into 5 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 roll-over text, links to more in-depth information, etc.

Review:

viewed

Skills

Review:

Are there

any clarification:

requested?

rification requested, note her

learning objectives and skills and materials covered address performance criteria 3.2.1.

Although the course includes information

of the following: 1) how equipment is entered into the BAS? 2) How to use the

trend reports? Please additionally clarify if

the content about diagnostics includes information about overrides, alarm procedures and/or trend reports. Finally, please clarify if the course includes information about how the BAS and MMS interrelate for operations and accounting systems. Please also note that the last entence of the learning methods for this erformance criteria is incomplete.

Clarification Response From Provide

Request clarification. It is not clear that the learning objectives and skills and materials covered throughout the course. See Module 2: Screens 6-8, 10 for preliminary covered address performance criteria 2.1. ussion that is continued throughout the course. 1) Since we are not dealing

Almody the coulse includes information with a specific type or bAs, this coulse does not cover now to emer equipment about writing control sequences and GSA. It is not extensively cover the various types of systems and equipment is included about the GSA smart building buildings following GSA Smart Building standards. 2) vertices are discussed to the standard about the GSA smart building buildings following GSA Smart Building standards. 2) vertices are discussed about the following the standards and the standards. 2) vertices are discussed to the standard about the GSA smart building buildings following GSA Smart Building standards. 2) vertices are discussed to the standard building building buildings following GSA smart Building buildings following GSA standards. 2) vertices are discussed to the standard building building building building buildings following GSA standards are discussed to the standards and building building

as major factor in failing to maximize the BAS investment. See Module 5: are discussed within the course include any Screens 3 and 7. Alarms are disused in Module 2 Screens 20-21 and Module

BAS to monitor and implement overrides and alarm procedures? 3) Information about using BAS for diagnostic purposes, including limiting demand, maximizing

with a specific type of BAS, this course does not cover how to enter equipme

5.10. 3) Diagnostics and trending are discussed in detail in Module 2: Screen

15. Module 3: Screen 16: Module 5: Screen 8. This course does not discuss th

ability to interrelate a BAS and MMS. The last sentences is: The focus is on

occupancy scheduling, and diagnosing equipment problems.

Identify other materials Other Materials

ubmitted

Course materi

vided in the link

Initial Review Conducted By: Maria Fara

Technical Review Submission Completion Date: December 17, 2013

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) ften Aligned with more than one role (6/43 Core Competencies) Please complete the following for each training course submitted for consideration ining provider: Department of Energy: Federal Energy Management Program (FEMP)

Title of this training resource: FEMP10: Building Automation Systems for Existing Federal Facilities

apply GSA Smart Building Standards for open, converged, and normalized building automation integrate existing systems through open communication protocols

develop a design plan including sequences of operations, control strategies, schematics, and point lists

URL link to information about the training course, content, and/or svilabus; http://www.wbdg.org/education/femp10.php

3.2.1.Demonstrate knowledge of a Building Automation System (BAS) and Maintenance Management Systems (MMS)

Required FBPTA performance criteria

Initial Review Submission Completion Date: December 9, 2013

Alignment of Competency with Functional Roles

Type of training course: web-based training

FBPTA Core

Competency

identify results-oriented objectives in the development of an RFP

apply Federal and industry standards and guidance related to BAS develop RFPs for BAS design and installation consider financing mechanisms for the BAS maximize the installed BAS to improve overall efficiency

Length of training (in hours): Varies by learner but approximately 4 hours

FBPTA Core

Competency

Technical Review Conducted By: Angela Lewis

3 Technolog			Yes, based on the review of the learning objectives and the skills/materials covered, the topics listed should provide the learner with knowledge to demonstrate an understanding of the bridge between technical and business aspects of facilities management.	Yes	Yes	Yes	Yes	Yes	No			Course material provided in the link	Yes
		equipment, system, and building levels.	Yes, based on review of the learning objectives and the skills/materials covered, the topics listed should provide the learner with an ability to conduct troubleshooting at the equipment, system and building level.	Yes	Yes	Yes	Yes	Yes		mentioned as a course topic, it is not clear how much information is provided on this topic. Specifically, please clarify what	Module 2: Screens 13-33 provide an in-depth discussion of how BAS can be used to troublehoot, monitor, diagnose and tren in specific functions within Energy Efficiency, Cost Cutting, Operations and Maintenance, Indoor Environmental Quality, and Safety and Security. Monitoring at the equipment, building, system, and campus-levels are discussed throughout the course.	Course material provided in the link	Yes
			Yes, based on the review of the learning objectives and the skills/materials covered, the topics listed should provide the learner with knowledge to demonstrate an ability to conduct troubleshooting of critical systems, including access control, fire alarms, elevators and lighting.	Yes	Yes	Yes	Yes	Yes		learning objectives and skills and materials covered, it is not clear that the course addresses any of the following critical systems: access control systems, fire alarm	Module 2: Screens 13-33 provide a discussion of BAS cagabilities, including access control (with a detailed screenion), fire adams, elevators (included in a detailed scenario), and lighting, See Module 3 for detailed scenarios on BAS cagability. Building Automation Systems are designed to provide alarms, reports, and trends to help troubleshoot all systems and equipment. This critical feature is discussed throughout the course.	Course material provided in the link	Yes
4. Energy Management	4.1. Systems and Demand Reduction	and Control Systems.	Yes, based on the review of the learning objectives and the skills/materials covered, the topics listed should include knowledge of building automation systems and control systems.	Yes	Yes	Yes	Yes	Yes	No			Course material provided in the link	Yes