

1. Management of Facilities O&M	1.1 Management of Building Systems	1.1.1.Demonstrate familiarity with Building Systems.	Partial. Based on the review of the learning objectives and the skills/materials covered, this course only covers boiler systems which is a Mechanical and HVAC sub-system.	Yes	Yes	Yes	Yes	Yes	Yes	Based on the review of the learning objectives and the skills/materials covered, this course is limited to familiarity with boiler systems and does not necessarily address the broader knowledge of Building Systems as required by the performance criteria. Please confirm if the course includes information about non-boiler HVAC systems, electrical (and standby generators, lighting, mechanical/plumbing, fire protection, vertical transportation, structural, roofing and/or building envelop systems.	These topics are covered in other BOMI courses, including Design I, Design II, Air Handling, Electrical Systems, Energy Management, Refrigeration, and Building Design and Maintenance.		
		1.1.6.Demonstrate ability to monitor and evaluate how well building systems perform.	Partial. Based on the review of the learning objectives and the skills/materials covered, this course addresses the ability to monitor and evaluate how boiler systems perform.	Yes	Yes	Yes	Yes	Yes	Yes	Based on the review of the learning objectives and the skills/materials covered, this course is limited to familiarity with boiler systems. Is a broader knowledge of other building systems monitoring and evaluation addressed as required by the performance criteria?	Other building systems are covered in other BOMI courses, including Design I and Design II, Energy Management and Controls, and Refrigeration.		
		1.1.7.Demonstrate ability to manage corrective, preventive and predictive maintenance.	Partial. Based on the review of the learning objectives and the skills/materials covered, this course addresses the ability to manage corrective, preventive and predictive maintenance for boiler systems.	Yes	It is not clear that the course addresses the management of various types of maintenance. Is predictive maintenance methodologies addressed? Is a full range of corrective and preventive maintenance techniques covered along with those that are boiler-specific? Please clarify if the course addresses all three maintenance strategies. corrective, preventive, and predictive maintenance. Also please clarify if these are addressed only as it relates to boilers.	The course addresses boiler maintenance, not maintenance of other building systems. Corrective maintenance covered. Preventive maintenance is covered. In most BOMI courses, the elements of predictive maintenance are included in our discussion of preventive maintenance.							
2. Performance of Facilities O&M	2.1. Operating and Maintaining HVAC Systems	2.1.1.Demonstrate ability to collect Operating Data on system.	Partial. This course received credit because the course provides specific knowledge for the ability to collect operating data on boiler systems.	Yes	Yes	Yes	Yes	Yes	Yes	It is not clear that the course addresses the collection of Operating Data on HVAC Systems other than boiler-specific systems. Is the use of computer systems addressed? Is operating data collection provided on a full range of HVAC System types covered along with those that are boiler-specific?	The course covers boiler-specific systems. Collection of operating data for other systems are addressed in other BOMI courses: Refrigeration Systems and Accessories; Air Handling, Water Treatment, and Plumbing Systems; Electrical Systems and Illumination; Energy Management and Controls; Building Design and Maintenance.		
		2.2.6.Demonstrate knowledge and ability to all drains and backflow preventers.	Partial. This course received credit because the course provides specific knowledge and ability about boiler system related drains and backflow preventers.	Yes	Yes	Yes	Yes	Yes	Yes	Based on the review of the learning objectives and the skills/materials covered, this course is limited to the identification of boiler system drain and backflow preventer piping. Is a broader knowledge of other drainage and backflow prevention systems addressed as required by the performance criteria?	The course is limited to drains and backflow preventers as they pertain to boilers. Refrigeration Systems and Accessories and Air Handling, Water Treatment, and Plumbing Systems provide learning on other appropriate systems.		
		2.2.7.Demonstrate knowledge and ability to maintain pressure-reducing valves.	Partial. This course received credit because the course provides general knowledge of pressure-reducing valves. However, as the performance criteria is intended primarily for building operators, it does not sufficiently provide information about the ability to maintain the pressure reducing valves.	Yes	Based on the review of the learning objectives and the skills/materials covered, this course is limited to the identification of low pressure boiler system pressure-reducing valves. Is a broader knowledge of high pressure boilers and other pressure-reducing valve systems addressed as required by the performance criteria?	Students are advised that they need to be aware of valve systems prescribed for their specific boiler.							

4. Energy Management	4.1. Systems and Demand Reduction	4.1.1. Demonstrate knowledge of building systems and how they affect energy use	Partial. Based on the review of the learning objectives and the skills/materials covered, this course addresses boiler systems and how they affect energy use only. The course does not address knowledge of other building systems and how they affect energy use. The course is limited to boiler systems which is a Mechanical and HVAC sub-system.	Yes	Yes	Yes	Yes	Yes	Yes	Based on the review of the learning objectives and the skills/materials covered, this course is limited to heating systems and possibly some electrical systems. Please confirm if the course includes information about how non-heating systems, motors and drives, lighting, building envelope and fuel systems affect energy use.	The effect that specific systems have on energy use are addressed in Energy Management and Controls.		
5. Safety	5.2. Infrastructure	5.2.3. Demonstrate knowledge of ventilation systems and prevention of contaminant introduction and cross contamination.	No, based on the review of the learning objectives and the skills/materials covered, this course does not address knowledge of ventilation systems or the prevention of contaminant introduction and cross contamination.	Yes	Yes	Yes	Yes	Yes	No				
6. Design	6.2. Infrastructure Systems	6.2.1. Demonstrate knowledge and understanding of the design basis of all applicable Architectural and Engineering Systems.	Partial. Based on the review of the learning objectives and the skills/materials covered, this course does not address knowledge and understanding of the design basis of all applicable Architectural and Engineering Systems. The course is limited to boiler systems.	Yes	Yes	Yes	Yes	Yes	Yes	Based on the review of the learning objectives and the skills/materials covered, this course is limited to familiarity with boiler systems and does not necessarily address the broader knowledge of other Architectural and Engineering Systems as required by the performance criteria. Please confirm if the course includes information about: <ul style="list-style-type: none"> o Roofing Systems o Building Envelope Systems o Window Systems o HVAC Systems (Heating, Cooling, and Ventilation) o Electrical Systems o Telecommunication Systems o All Lighting Systems o Fire Protection Systems o BAS o IT Systems – installation arrangement and energy requirements o Interior Design o Landscape Architectural Systems o Plumbing Systems o Occupant needs and requirements/controls o Resource flows (e.g., energy, water and waste) 	This course is specific to boilers and other heating systems. For a broader course covering all building systems, refer to The Design, Operation, and Maintenance of Building Systems, Part I and Part 2, and Building Design and Maintenance.		