

Open Awards Level 3

End-point Assessment for ST0161 Energy Manager

Route: Construction and the Built Environment



Changing lives through learning

Typical Duration

24 months

Maximum Funding

£10000

National Level

Level 3

Entry Requirements

There are no set entry requirements to become an Energy Manager. Employers usually expect good literacy, numeracy, and IT skills, along with good communication and customer service skills, as well as an aptitude for problem solving.

Mandatory Qualifications

Apprentices will need to achieve maths and English qualifications in line with current Department for Education (DfE) funding requirements.

Practical Period Stage

During this stage the apprentice is employed within an industry or sector where energy consumption and efficiency requires dedicated management and completes both on-the-job and off-the-job training and learning, which should enable them to develop the knowledge, skills and behaviours set out within the apprenticeship standard.

Role Profile

An employee in this occupation will be responsible for assessing and measuring energy consumption within their organisation, this involves analysing energy usage patterns, identifying inefficiencies, and proposing improvements, benchmarking energy consumption against best practice guideline. Energy Managers address technical and operational energy management issues and work to optimise energy use in facilities, equipment, and processes. They contribute to the development, coordination implementation of energy management strategies and policies within their organisation.

Energy Managers stay informed about energy-related regulations and legal requirements. They will regularly report on the organisation's energy performance. Involving tracking energy consumption, cost savings, and progress toward energy reduction targets. An energy manager will carry out site inspections and complete energy surveys, collect energy monitoring data and keep accurate records. They will also be developing solutions for carbon management.

In addition, an energy manager may also be involved in supporting the delivery of measures supporting the organisations decarbonisation strategy and targets. They may also be responsible for improving data around the organisation's utility infrastructure.

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Completion and Certification

Open Awards will issue a summary of results following successful completion of all End-point Assessment (EPA) requirements. Open Awards will also request the apprenticeship completion certificate on behalf of an apprentice once they have completed their apprenticeship.

Why Choose Open Awards Qualified?

Open Awards have been in business for 40 years. During that time, we have helped thousands of learners get started on the education ladder, return to learning, achieve qualifications to help their careers and progress into further and higher education.

Building on this expertise we have become an end-point assessment organisation (EPAO) for a growing number of apprenticeship standards in England approved by Skills England.

EPAO number: EPA0565

How Will the Apprentice be Assessed?

The EPA consists of two different assessment methods:

1. Technical report and presentation with questions:
 - Component 1: Technical report. Word count of 3000 words (10% +/-)
 - Component 2: Presentation with questions. 35 minutes. (presentation 15 mins and questioning 20 mins) (+10%)
2. Interview underpinned by a portfolio of evidence (45 minutes)

The two methods can be taken in any order. The result from each assessment method is combined to decide the overall apprenticeship grade. Both assessments must be passed within a period of three months from the gateway.

Progression

Apprentices who successfully achieve this apprenticeship could progress into employment as a Building Energy Management Systems (BEMS) Control Engineer, for example.

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