



# Junior Energy Manager

*Helping organisations meet sustainability commitments by reducing energy consumption and reducing costs.*

## About this programme

Due to the rise of the cost of energy the UK will become one of the most competitive market places for energy management skills over the next 5 to 7 years. There is a major shortage of trained energy managers. This apprenticeship will help to address the need for basic in-house energy management skills which can benefit your organisation and lead to long term savings. Energy managers can come from all types of companies and industries, including hospitality, leisure, retail, banking, manufacturing, construction and property.

## Location and duration of training

This training programme will be delivered on your company site and can take up to 24 months to complete.

## Qualifications included

On successful completion of this programme individuals will receive the following;

- Junior Energy Manager Apprenticeship at Level 3
- Level 2 Functional Skills, English *(If required)*
- Level 2 Functional Skills, Maths *(If required)*
- Membership of an Energy Management Professional Body



## Course Content

This Apprenticeship offers a balance of technical training and on the job assessments to match your employers needs and requirements.

### ***Knowledge and Assessment units include:***

How energy flows in an out of buildings, equipment and processes and how key energy systems operate	Relevant level of theory and practices that underpin the energy efficient use of equipment, processes and IT systems
Understand the economics of energy consumption, supply and demand of energy, sustainability issues and role of the organisation in tackling them	Understand the principles of energy loss assessment
Test and maintain procedures of equipment and processes used to determine energy performance and how inefficiencies arise and how to improve energy performance	Know how to read meters and sub-meters, collect, record and analyse metered data and interpret manufacturer's installation and maintenance requirements
Know how to understand a bill, set an energy baseline and identify variables that affect energy consumption in organisations, and how to query and challenge bills with suppliers	

## Course Structure

### ***Enrolment/Introduction to Learning***

Each learner will take part in an initial open day session to ensure the aims, objectives and outcomes of their learning are understood. The enrolment session will offer an opportunity to meet the Group Horizon team who will be on hand throughout the learning journey.

### ***Classroom Learning***

Throughout the Apprenticeship, learners will be required to attend a series of classroom sessions covering the technical theory and functional skills (English, Maths—if required) elements of their course. These sessions will be planned in advance to ensure minimal impact on day to day business.

### ***End Point Assessment (EPA)***

The End Point Assessment is split into three sections:

- Knowledge Assessment - multiple choice or short answers questions which will be sat under invigilated conditions.
- Practical Assessment - Energy Audit carried out by the Apprentice under controlled conditions.
- Professional Discussion/Interview - including knowledge assessment, practical assessment and appraisal of portfolio of evidence.

**For further information please contact Group Horizon**

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