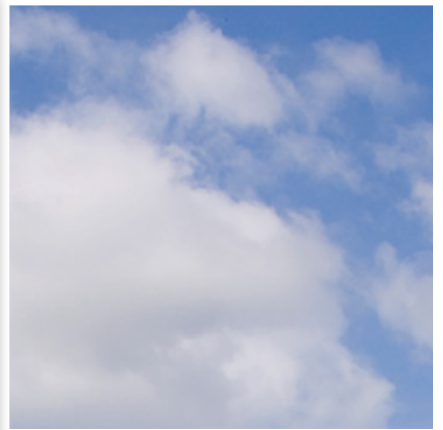




KNOWLEDGE



TRANSFORMATION



SKILLS



RETENTION



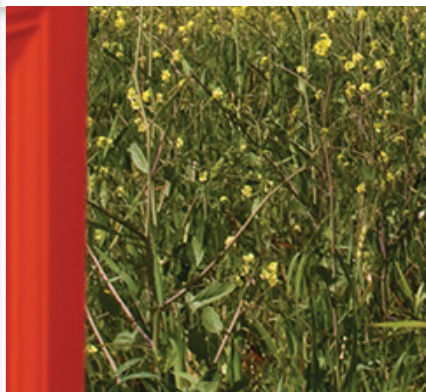
FURTHER EXCELLENCE



BEHAVIOUR



ENHANCED PERFORMANCE



EXPERTISE



ABILITY

ENERGY INSTITUTE PROFESSIONAL TRAINING AND QUALIFICATIONS IN ENERGY MANAGEMENT

SGS ACADEMY

In partnership with



ENERGY INSTITUTE TRAINING

SGS ACADEMY

In partnership with



The SGS Academy in partnership with the Energy Institute is pleased to be able to offer our clients professional training and qualifications in energy management.

WHY TRAIN WITH THE ENERGY INSTITUTE?

Effective energy management is an essential tool in helping to reduce carbon emissions, improve efficiency and save money.

As the professional body for the energy industry and the only body granting the Chartered Energy Manager title, the Energy Institute (EI) is committed to providing professionals with all the resources they need to achieve the highest level of competence in energy management.

Completing EI training and achieving qualifications allows professionals to develop their knowledge and skills and demonstrate their experience to employers, clients and peers, resulting in improved employability, confidence and performance.

Those undertaking EI training benefit from a host of additional professional development resources at their disposal, from networking opportunities and events to free online CPD articles and knowledge resources.

ENERGY INSTITUTE TRAINING

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ENERGY INSTITUTE TRAINING LEVELS

ENERGY INSTITUTE LEVEL 1

CERTIFICATE IN ENERGY MANAGEMENT ESSENTIALS

A 5-day practical introduction to energy management, recommended for those new to an energy management role or those taking on energy management responsibilities in an existing role for the first time. Available in classroom or online format.

ENERGY INSTITUTE LEVEL 2

ENERGY MANAGEMENT PROFESSIONAL

A 150-hour online course providing all the knowledge and skills required of a professional energy manager. Recommended for those with 2+ years' experience in a related role.

ENERGY INSTITUTE LEVEL 3

ADVANCED ENERGY MANAGER (AEM)

A 12-day classroom course for experienced energy managers covering project management and key technologies. Recommended for those with 3+ years' experience in an energy management role.

ENERGY INSTITUTE TRAINING

ENERGY INSTITUTE LEVEL 1

CERTIFICATE IN ENERGY MANAGEMENT ESSENTIALS

A 5-day introductory course providing a comprehensive, practical overview of the fundamentals of energy management.

This course provides participants with all the essential knowledge and skills they need to save energy, reduce operational costs and carbon emissions, comply with legislation and meet their organisation's environmental goals. This course is available as a 5-day classroom course or a 60-hour online course.

WHO SHOULD ATTEND?

- Those looking to begin a career in energy management or who have recently taken up a role with energy management responsibilities
- Those who would like to refresh their knowledge before pursuing an EI upper level training course
- Those coming from a wide range of fields including procurement, facilities management, finance, CSR and sustainability, who want to gain a better understanding of energy

PREREQUISITES

- This course is suitable for those with little or no knowledge or experience of energy management
- GCSE English and Maths or equivalent and some experience using Microsoft Excel is required

COURSE TOPICS

- Introduction to energy management – building an energy management process
- Metering and buying
- Metering monitoring and targeting techniques
- Regulations and standards
- Energy auditing in practice
- Energy auditing: report writing
- Energy management solutions
- Energy management: project development
- Renewables
- Mounting an effective staff awareness campaign

COURSE DATES

25 – 29 July 2016, London
03 – 07 October 2016, London
07 – 11 November 2016, London

FEES – FULL COURSE

£1,550 + VAT

FEES – INDIVIDUAL MODULE (ONLINE ONLY)

£225 + VAT

ALL SGS CERTIFIED CLIENTS CAN RECEIVE A 10% CLIENT DISCOUNT ON ENERGY INSTITUTE COURSES.

ENERGY INSTITUTE TRAINING

ENERGY INSTITUTE LEVEL 2

ENERGY MANAGEMENT PROFESSIONAL

A 15-module (150 hour) online course providing all the knowledge and skills required of a professional energy manager. The course will provide a comprehensive overview of the essential technical theory of energy use, as well as in-depth understanding of the managerial and commercial aspects of an energy management role.

This course can be started at any time and completed at your own pace. Our expert tutors are available to answer any questions and provide guidance as you work through the course.

WHO SHOULD ATTEND?

- Professionals with 2+ years' relevant experience in energy management or a related area i.e. facilities management, energy engineering, sustainability etc., OR
- Those who have successfully completed the Level 1: Certificate in Energy Management Essentials course and are looking to deepen their knowledge in preparation for pursuing an upper-level qualification

PREREQUISITES

- 2+ years' relevant experience OR successful completion of the EI Level 1 course
- GCSE English and AS/A Level Maths and Science or equivalent by qualification or experience, and some experience using Microsoft Excel

COURSE TOPICS

Core modules (required):

1. The role of an energy manager
2. Heat transfer
3. Fuels and combustion
4. Finance – Procurement – Management

Electives: take two further modules from list A and eight further modules from list A or list B.

List A:

- Heating and ventilation
- Air-conditioning and refrigeration
- Lighting
- Motors and drives

List B:

- Thermal comfort and building physics
- On-site electricity generation
- BMS systems
- The energy industry and energy costs

- Regulations and incentives
- Electricity grids
- Energy and the environment
- Energy management systems and standards
- Carbon management plans
- Water systems and auditing
- Compressed air
- Project implementation
- Process heat and steam
- Metering and verification
- Data testing and analysis
- Energy management and transport

FEES – FULL COURSE

£1,950 + VAT

FEES – INDIVIDUAL MODULE

£225 + VAT

ALL SGS CERTIFIED CLIENTS CAN RECEIVE A 10% CLIENT DISCOUNT ON ENERGY INSTITUTE COURSES.

ENERGY INSTITUTE TRAINING

ENERGY INSTITUTE LEVEL 3

ADVANCED ENERGY MANAGER (AEM)

This 12-day course is designed as a comprehensive technical overview of energy management. Participants will learn how to effectively develop energy saving projects, illustrate their return on investment to management, evaluate and monitor financial savings, and understand and use a rounded set of energy management technologies and principles.

WHO SHOULD ATTEND?

- Professionals with 3+ years' energy management experience, who are responsible for managing energy within their job function and who are tasked with improving energy efficiency and reducing energy costs
- Those looking to fill in any gaps in their knowledge in preparation for applying for Chartered Energy Manager status

PREREQUISITES

- 4+ years' relevant experience
- Working experience in a manager-level role
- A relevant engineering or science degree OR successful completion of the EI Level 2 course

COURSE TOPICS

- Monitoring and targeting
- Energy costs and project management
- Energy fundamentals
- Energy procurement
- Implementing and auditing ISO 50001
- Energy and emissions law and trading
- Space heating
- Energy in buildings
- Staff awareness
- Process heat, steam, heat recovery
- CHP
- Air conditioning
- Refrigeration
- Lighting
- Compressed air
- Renewables

AEM INCLUDES

- 12 days of energy management training, led by subject experts
- Preparatory material and slides from training sessions
- Exercise spreadsheets from training sessions, designed for use at your organisation
- Tutor supervision and support for work-based feasibility study
- Exam assessment leading to the Energy Institute Level 3 – Advanced Energy Manager qualification

FEES

£3,350 + VAT

COURSE DATES

Block one: 26 – 28 September 2016
Block two: 17 – 19 October 2016
Block three: 14 – 16 November 2016
Block four: 05 – 07 December 2016
Assessment day: 14 March 2017

ALL SGS CERTIFIED CLIENTS CAN RECEIVE A 10% CLIENT DISCOUNT ON ENERGY INSTITUTE COURSES.

ENERGY INSTITUTE TRAINING

ENERGYAWARE

An innovative 30-minute online tool focussed on raising energy awareness in the workplace, certificated by the Energy Institute.

WHO WILL BENEFIT FROM THIS TOOL?

Any staff member in your organisation who uses energy. Users need have no prior knowledge or experience of energy usage or management.

WHY USE ENERGAWARE?

EnergyAware will provide your staff with an insight into energy consumption and the impact this has on cost in the workplace. It will help them create a customised, actionable checklist of behaviour changes and smart technology decisions that they can take away and implement.

EnergyAware helps your organisation develop a company-wide commitment to energy efficiency so you can reduce your energy costs and dramatically reduce your carbon footprint. And the EI's EnergyAware certification gives you the stamp of approval needed to tangibly demonstrate your commitment to energy efficiency.

KEY FEATURES

- **Immersive:** this highly interactive tool helps get your staff thinking about their role in energy use
- **Focus on personal engagement:** the user's journey begins at home before moving on to the workplace. This helps develop a personal commitment to energy efficiency
- **Relevant:** users can visit the workplace that is appropriate for them (office, factory or warehouse), or a bespoke workplace can be created to fit your organisation
- **Practical:** as they progress, users put together an action plan that can be proactively implemented in their own workplace. Your nominated administrator will be able to access and download this data as users complete the tool

ALL SGS CERTIFIED CLIENTS CAN RECEIVE A 10% CLIENT DISCOUNT ON ENERGY INSTITUTE COURSES.

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WHEN YOU NEED TO BE SURE

