ENERGY BRIEFING

ISO 50001 – New ET08 Energy Efficiency Training & Audit Checklist

Introduction

To support with the continuing energy management system (EnMS) implementation, we have reviewed and updated our energy efficiency training package available on the Sustainability SharePoint. We have also produced a checklist of items that our NQA auditors will likely be looking for during upcoming site audits. This list will also be relevant for future ISO 50001 audits as our system develops in the coming years.

New Energy Training

In order to ensure that our new EnMS is implemented and communicated on all sites, we have updated the ET08 training package available on the UK Sustainability SharePoint. This now includes an introduction to ISO 50001 and some basic guidance on energy efficiency.

Please ensure that everyone at the sites NQA are auditing has completed the self-guided training and a record of training is available before the audit. Everyone else should aim to have completed the self-guided training by the end January 2024.

Energy Audit Checklist – What will the auditor be looking for?

- Energy Policy displayed on noticeboards and everyone is aware of it.
- Manual 4 available on site and everyone is aware of it particularly ENV 26 Energy Efficiency and ENV 10 EF Tracker – available on UK Sustainability SharePoint.
- Operator competence for managing energy - process specific operational procedures (not necessarily written) are understood by all those with a potential to influence energy usage e.g. asphalt process, storage, mobile plant.
- Understanding of current energy performance at site (EF Tracker displayed and discussed).
- Understanding of how each individual can influence energy performance on their site / in their work e.g. turning off compressors, lights, heaters when not in use etc.
- Plant and equipment turned off when not needed.
- Energy training completed (ET08) and training records available.
- Other energy resources available e.g. EXCEED Team Energy Sway and UK Sustainability SharePoint.
- Internal Site Energy Audits completed in 2023. Energy Auditor competence demonstrated by completing an Energy Auditor Training session – Summer 2023. The internal audits will use CheckProof.
- Local Environmental training matrix (or equivalent) updated and records of energy training available.
- Evidence that contractors and visitors are made aware of the need to manage energy – new SR13 section 11 energy wording to be added to site inductions.
- Evidence of basic energy housekeeping on site e.g. timers, PIR's, closing doors etc.
- Any Energy efficiency ideas shared with your line manager.
- An understanding that energy efficiency will be considered for new and replacement equipment or changes to processes – procurement & engineering.
- Records of Statutory Inspections are available.
- Expectation that NQA Auditors will discuss energy efficiency with various operational staff.

For further details or information, please contact a member of the Sustainability Department.