

ISO 50002-3:2025-06 (E)

Energy audits - Part 3: Guidance for conducting an energy audit using ISO 50002-1 in processes

Contents

Page

- Foreword..... iv
- Introduction..... v
- 1 Scope..... 1
- 2 Normative references..... 1
- 3 Terms and definitions..... 1
- 4 Principles of energy auditing..... 2
- 5 Performing an energy audit..... 2
 - 5.1 General..... 2
 - 5.2 Planning..... 2
 - 5.3 Opening meeting..... 3
 - 5.4 Data collection..... 3
 - 5.5 Measurement plan..... 4
 - 5.5.1 General..... 4
 - 5.5.2 Preliminary data analysis..... 4
 - 5.5.3 Data measurement plan..... 4
 - 5.6 Site visit..... 5
 - 5.6.1 Site visits..... 5
 - 5.6.2 Management of field work..... 5
 - 5.7 Analysis..... 5
 - 5.7.1 General..... 5
 - 5.7.2 Analysis of current energy performance..... 5
 - 5.7.3 Identification of energy performance improvement opportunities..... 6
 - 5.7.4 Evaluation of energy performance improvement opportunities..... 7
 - 5.8 Reporting..... 7
 - 5.8.1 General..... 7
 - 5.8.2 Report content..... 7
 - 5.9 Closing meeting..... 7
- 6 Competence of the energy auditor..... 7
- Annex A (informative) Data which can be collected..... 8
- Annex B (informative) Quality of measurement plan..... 15
- Annex C (informative) Representative energy sampling approach for multi-site organizations..... 17
- Bibliography..... 19