

# ISO 50002-1:2025-06 (E)

## Energy audits - Part 1: General requirements with guidance for use

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b>		<b>iv</b>
<b>Introduction</b>		<b>v</b>
<b>1</b>	<b>Scope</b>	<b>1</b>
<b>2</b>	<b>Normative references</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions</b>	<b>1</b>
<b>4</b>	<b>Principles of energy auditing</b>	<b>6</b>
4.1	General	6
4.2	Competency	6
4.3	Confidentiality	6
4.4	Objectivity	6
4.5	Access to equipment, resources and information	6
4.6	Evidence-based approach	6
4.7	Risk-based approach	7
4.8	Communication	7
<b>5</b>	<b>Performing an energy audit</b>	<b>7</b>
5.1	General	7
5.2	Planning	8
5.3	Opening meeting	10
5.4	Data collection	11
5.5	Measurement plan	12
5.6	Site visit	13
5.7	Analysis	14
5.7.1	General	14
5.7.2	Analysis of current energy performance	14
5.7.3	Identification of energy performance improvement opportunities	14
5.7.4	Evaluation of energy performance improvement opportunities	15
5.7.5	Prioritization of energy performance improvement actions	15
5.8	Reporting	16
5.8.1	General	16
5.8.2	Report content	16
5.9	Closing meeting	17
<b>6</b>	<b>Competence of the energy auditor</b>	<b>18</b>
6.1	General	18
6.2	Generic competence of energy auditors	18
6.2.1	General	18
6.2.2	Energy audit principles, processes and methods	18
6.2.3	Energy audit standards and other references	18
6.2.4	Organization and its context	19
6.2.5	Applicable legal requirements and other requirements	19
6.3	Energy specific competence of energy auditors	19
6.4	Generic competence of a lead energy auditor	20
<b>Annex A (informative)</b>	<b>Guidance on the use of this document</b>	<b>21</b>
<b>Annex B (informative)</b>	<b>Applicability of this document to other International Standards</b>	<b>32</b>
<b>Annex C (informative)</b>	<b>Sampling</b>	<b>36</b>
<b>Bibliography</b>		<b>37</b>