



<b>BENEFITS</b>	<b>PRE-REQUISITES</b>	<b>COURSE CONTENTS</b>
<p><i>This Lead Auditor training course is intended to provide delegates with the knowledge and skills to audit and assess Energy Management Systems established on the basis of ISO 50001:2018 Standard addressing the requirements of Following Standards</i></p> <p>ISO 19011-2018 ISO 17021-1-2015 ISO 50003-2014</p> <p>On completing the course, delegates will be able to:</p> <ul style="list-style-type: none"> <li>➤ Understand the purpose and use of EnMS</li> <li>➤ Making reference to the high-level structure, understand the framework for EnMS standard</li> <li>➤ Understand the terminology /definitions</li> <li>➤ Effectively Plan for Stage 1 and Stage 2 audits of an organization</li> <li>➤ Apply the knowledge of the ISO 50001:2018 Standard requirements and apply in a real time, simulated audit situation</li> <li>➤ Effectively perform a full 1<sup>st</sup>, 2<sup>nd</sup> or 3<sup>rd</sup> party assessment of Energy Management Systems and generate audit findings</li> <li>➤ Assess the overall conformity (or otherwise) of an EnMS to the audit criteria</li> </ul> <p>Delegates who complete this CQI and IRCA Certified ISO 50001 Lead Auditor (EnMS) Training course successfully (within the five years prior to making an application to become a certificated auditor) will satisfy the training requirements for initial certification as an IRCA EnMS Auditor.</p>	<p><b>Recommend prior knowledge:</b> FDI 30 ISO 50001 Foundation (EnMS) Alternatively:-</p> <p>Delegates attending this course must have / acquired the following knowledge:-</p> <ul style="list-style-type: none"> <li>• Management System:-</li> </ul> <p>The Plan, Do, Check, Act (PDCA) cycle</p> <p>The core elements of a management system and the interrelationship between Context, Leadership and Commitment, Energy Policy, Planning, Operation, Performance Evaluation, Management Review and Continual Improvement.</p> <p><b>b)Energy Management:-</b></p> <ul style="list-style-type: none"> <li>• The principles of fuel combustion, heat transfer and energy flow</li> <li>• The relevant sources of energy regulation, guidelines and standards</li> <li>• The typical methods and technologies for increasing efficiency</li> <li>• Energy measurement units, sources, costs, tariffs and scheduling</li> <li>• Energy use data analysis methods</li> <li>• Energy performance indicators, monitoring and performance measurement</li> <li>• The impact of organisational processes and equipment on energy efficiency</li> <li>• Electricity use: motors, drives, lighting, computer</li> </ul>	<ul style="list-style-type: none"> <li>➤ A reinforcement of the understanding of the requirements of ISO 50001:2018</li> <li>➤ A detailed understanding of Terminology used in the ISO 50001:2018 Standard</li> <li>➤ In depth exposure to 3<sup>rd</sup> party auditing perspective of an Energy Management System implemented by an Organization achieved through a contiguous case study through a series of workshops, exercises role plays</li> </ul> <p><i>All of these learning is achieved through, pre course learning by each delegate individually and followed by class room training consisting of exercises, workshops, presentations and facilitation by qualified trainers in the subject through open discussions and role plays</i></p> <p><b>ASSESSMENT AND CERTIFICATION</b></p> <p>There will be two types of assessments. The Continuous assessment where each participant will be assessed and awarded marks in each session on various competences and skills achieved including relevant soft skills. There will be a formal written examination at the end of the course. All the delegates who successfully complete both the continuous assessment and final examination will be awarded the “Certificate of Achievement” and other participants will be awarded with “Certificate of Attendance”</p>

<p><b><i>COURSE ORGANIZATION:</i></b></p> <p><b><i>Course Venue</i></b>                  Courses are held at various training centres but alternatively can be held at your premises. Please contact your local Bureau Veritas office for details</p> <p><b><i>Batch Size</i></b></p> <p><i>The maximum number of delegates for this course is 25 and the minimum is 4.</i></p> <p><b><i>Refreshments</i></b></p> <p>Refreshments and lunches are provided during the course where BVC arranges such courses. For accommodation and evening meal arrangements, please contact your local Bureau Veritas office.</p>	<p align="center"><b>c) ISO 50001</b></p> <p>An understanding of the requirements of ISO 50001 and the commonly used energy management terms and definitions, as given in ISO 50000, which may be gained by completing CQI and IRCA Certified ISO 50001 Foundation (EnMS) Training course (or equivalent).</p>	<p><b><i>ADDITIONAL INFORMATION</i></b></p> <p>Learning is accomplished through a series of interactive, participative workshops and exercises making of various accelerated learning methodologies which are unique to Bureau VERITAS Certification.</p>
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