

SC001
CERTIFICATION REQUIREMENTS SCHEME
Auditor in Energy Management Systems

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	MINIMUM REQUIREMENTS
Title of the study	Secondary school diploma.
Knowledge	<p>1) ISO 50001:2011 standart;</p> <p>2) The principles of the relevant legislation:</p> <ul style="list-style-type: none"> • UNI CEI EN ISO/IEC 17021:2011 - UNI EN ISO 19011:2012; • ISO 14001:2004; ISO 14004:2004; ISO 14040:2006; ISO 14044:2006; ISO 14050:2002; • ISO 10012:2003; • ANSI/MSE 2000:2005; • EUP DIRECTIVE 2005/32/EC; ESD Directive 2006/32/EC; • DS 2403:2001; I.S. 393:2005; SS 627750:2003; • Guideline VDI 4602. <p>3) Compulsory legislation in the rational use of energy, energy saving and renewable energy resource development:</p> <ul style="list-style-type: none"> • Law no. 10 of dt. 09/01/1991 (Gazz. Uff. Suppl. Ord. n° 13 del 16/01/1991); • National guidelines for the energetic certification of buildings; • Reduce greenhouse effect and European ETS system. <p>4) methodologies and audit techniques, planning and conducting an audit in accordance with the applicable regulation and preparation of the Audit Report, management of JK .</p>
Full work experience	<p>Technical, managerial and professional roles at organizations, companies, professional studios,:</p> <ul style="list-style-type: none"> • 4 years if you have a diploma; • 5 years if you have a diploma.
Full work experience in a given field	<p>At least 3 years of general work experience, especially in the energy field Note : in the presence of a specific technical diploma for at least 2 years (eg. A diploma that has given a technical suitability to Energy Management, such as PA. Diploma programs that include exams for technical physics) or what is shown in the KHC scheme for the EGE – QI 810101 certification .</p> <p>Experiences in the specific energy field are considered, activities that enable the ability to perform and evaluate an analytical analysis such as: technical or management of power generation plants, energy management within companies, energy analysis, energy audit, design and implementation of energy management systems, consultancy in the field of energy management. Experience can also be demonstrated through a testimony that shows that you have participated in a large number of full SME audits (minimum 10) of which at least 5 are attended by a qualified person. Obtaining certification as accredited personnel is useful for showing energy experience.</p>
Audit Experiences	<p><u>Auditor</u> 4 SME from which 2 full and not in less than 10 days, as an audit trainee under the guidance of a Lead Auditor qualified for Energy Management Systems. Audits should be completed in the last three years. Note: The calculation of the number of audit days developed by the Auditor may be considered 50% of the SMA or SMC audit days in the EA 25 sector. For Auditors of SMA or SMC: 3 Audite SME, of which 1 complete in the role of Auditor in training.</p> <p><u>Lead auditor</u> 2 SME audits from which 2 full, as an lead audit trainee under the guidance of a Lead</p>

	<p>Auditor qualified for Energy Management Systems. Audits should be completed in the last three years. Note :For Lead Auditor of SMA or SMC: 3 Audite SME, of which 1 full Lead Auditor in Training.</p>
Specific training	<p>1) 1) Passing a score of $\geq 60/100$ of the ISO 50001: 2011 (24 h) Certified / Registered Certification Training Course (certified by the Certification Body (for those who already possess a 40-hour training certificate in one other scheme or a test certificate on audit techniques of at least 16 hours).</p> <p>Or:</p> <p>2) Passing a training course for ISO 50001: 2011 recognized by an ORGANIZEM.</p>
Registered in the register	<p>The candidate who shows (through documentation):</p> <ol style="list-style-type: none"> 1) having the required conditions (diploma), general experience and specific fields, auditing experience; 2) payment of the provided quotes , 3) specific training required <p>And passing the Evaluation Procedure (certification exam), you can enter the relevant ORGANISM.</p> <p>A candidate who shows a great work experience in a specific field, although not all of the required conditions, after being evaluated by the relevant bodies, can be accepted in the PV (Exam).</p>
Ethical norms, rules and the use of the certification mark	<p>The registration in the ORGANISM register brings about compliance with the Ethical Rules and the Regulation on the Use of the Certification Mark.</p>
Annual certification maintenance	<ol style="list-style-type: none"> 1) Self-declaration of the lack of complaints; 2) Payment of the foreseen quotes. <p>Issuance of the certificate with an expired annual expiration date, and performed after the payment of the provided allowance and the submission of the Declared Claims Completed and Duly Filed.</p>
Validity and Renewal of Certification	<p>The certification period is three years. The certified person must pay the quota each year for maintenance and every three years for the renewal, as described below:</p> <ul style="list-style-type: none"> • Verify professional upgrading for 3 years that lasts certification (24h on issues related to Energy Management Systems) documented for participation in training / updating courses (produce testimonials, statements for training etc.) or for participation as a forum for conference, meeting, work shop, libre publication or articles in this sector, active participation in sector development schemes and / or standards, training courses and seminars in this sector, meeting for updating OC assessments for ISO 50001 : 2011; • 3 audits in the three-year period (for Auditor and Lead Auditor) in ISO 50001: 2011. In case of allocation of the technical areas provided by ISO 50003, for their confirmation, at least one audit is required for the three years for each of them; • Renewal request with self-declaration of lack of complaints; • Payment of the foreseen quotes. <p>Note 1: the certification renewal will be confirmed only after the positive outcome of the assessment with the compatibility of the required conditions.</p>

Transition between registers	It is possible to request the transfer of records from a Professional figure to another (by a Auditor and a Lead Auditor) by integrating the work experience in a specific field, the secrecy needed to meet the required conditions and paying the forecasted quota for professional figures.
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Concluding remarks: a candidate who has a diploma and at least 3 years of work in the field of Energy Management Systems and / or energy certification of buildings may apply for certification as a Technical Expert.