

NEWSLETTER COMPENER PROJECT

WWW.COMPENER.ENERGIA.IT

COMPENER GLOSSARY

Qualification: the formal outcome (certificate, diploma, title or label) of an assessment and validation process which is obtained when a competent body determines that an installer has achieved learning outcomes to given standards and possesses the necessary competence to do a job in a specific area of work. A qualification confers official recognition of the value of learning outcomes in the labour market and in education and training.

Certification: it refers to a proof of conformity. More in particular, it is a procedure by which a third party gives written assurance that a product, process or service conforms to specified requirements.

Accreditation: it refers to a proof of competence given by a credible authority. It applies to an entity/training programme or education abiding to sufficiently stringent and uniform training standards and suitably designed to reach their goals



COMPENER QUALIFICATION AND CERTIFICATION PROCESS

THE QUALIFICATION PROCESS OF THE ENERGY OPERATORS

Qualification of personnel is the preliminary step to reach the certification. The one proposed by COMPENER for energy professionals, has been developed in compliance to the international specific standard ISO/IEC 17024 for the certification of institution certifying personnel.

In the following lines are listed all the steps which need to be followed in order to be certified by a third organization which has to be independent and accredited by the national certification organism:

- 1.The required Knowledge, skills and Competences have to be defined by "Interested Parties" ;
- 2.The training programmes have to be defined on the basis of the previous step ;
- 3.Entry requirements for candidates have to be defined;
- 4.The maximum number of students is fixed ;
- 5.The teachers have to be trained and possibly certified;
- 6.The evaluation procedures have to be defined and applied coherently;
- 7.The personnel who pass the evaluation can apply for the certification where his/her competences are proved.

In synthesis, the COMPENER training path for the qualification of professionals in energy field has been based on a shared vision at European level and has been developed according to the European

Qualification Framework (EQF) criteria, by identifying and structuring knowledge, cognitive and practical skills, theoretical and practical competences. For all the identified energy professionals we have also defined the following characteristics of the training process:

- 1.Minimum entry requirements for the qualification;
- 2.suggested learning e-contents;
- 3.classroom lessons programmes;
- 4.final examination

The point 2 is only a "suggestion" but becomes a requirement for those installers who had never gone to school or they have left the school many years ago.

COMPENER qualification process starts with an "entrance test" related to the specific classroom training, and the training programmes have been prepared on the basis of corresponding EQF reference level of each professional.

COMPENER classroom training courses are therefore organized as a consequence of the output of an EQF level and include theoretic and practical sections.

To further information, please download the COMPENER qualification and certification handbook at the following web site: www.compener.enea.it



THE CAPITALIZATION OF THE PROJECT RESULTS

The output of the Compener project has been the starting point for another EU initiative called "build up Skills". This new initiative addresses to the need of having good skilled workers for the energy refurbishment. The lack of skilled workers has been considered the main obstacle to the energy reduction which is one of the main 20-20-20 objectives. Thanks to the Compener project, the partners have now the right knowledge to extend the "EQF exercise" to all the other professionals needed in the field of energy efficiency. Thanks to the experience gained in the professional training, ENEA has started a process of training the trainers with Provincia di Roma, which will be extended in other Italian Provinces and/or Regions. Provincia di Roma has co-funded the "school of energy" for the qualification of the designers and installers of RES systems.

THE CERTIFICATION PROCESS OF THE QUALIFIED ENERGY OPERATORS

The professional certification refers to a voluntary process in which the certifying organization formally grants recognitions to those who meet certain predetermined standards or qualifications. It usually arrives after the person has passed an examination both theoretical and practical to assess its qualifications. Qualifica-

tion and Certification of the professional competences provides a warranty to the public recruiting these professionals because they meet the standards or qualifications level defined by all the stakeholders' and proved by passing an examination, on voluntary basis. According to ISO/IEC 17024 standard and based on the common aspects of existing certification procedure of person, therefore, professional capacity of each COMPENER energy operator can be certified by a third-party accrediting agency through an evaluation process. The evaluation

process consists of three kinds of examinations: documented educational background and working experiences, written, oral exams as well as a practical test. Moreover, the validation of the obtained certification will be valid only for a certain period, for instance 3 or 5 years, after that period, the evaluation will be repeated if the qualified person wants to have his/her professional certification.

