



SEMINARIO FORMATIVO



- Seminario)

DAL SAPER FARE AL FAR SAPERE
l'ingegnere alle prese con i nuovi modelli di comunicazione
delle proprie competenze

30 Maggio 2017 – Scuola Edile di Perugia

I **CERT 'ing**
AGENZIA NAZIONALE
CERTIFICAZIONE
COMPETENZE

Stefano Calzolari

Presidente Agenzia Nazionale per la Certificazione Volontaria delle Competenze degli Ingegneri

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Video Spot CERT'ing

<https://www.youtube.com/watch?v=TzVjgLCJi0>

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Via XX Settembre 5, 00187 Roma, Italy
Tel.: (+39) 06 6976701
Fax: (+39) 06 69767048/49
Sito: www.cni-certing.it
Orario: dal lunedì al venerdì dalle 8:00 alle 18:00

L'INGEGNERIA CHE VALE

Perché da oggi con la certificazione volontaria delle competenze imprese e pubbliche amministrazioni potranno avvalersi di un'Ingegneria più moderna. Un percorso che va oltre il titolo di studio, garantendo la qualità del mercato e la valorizzazione delle esperienze.



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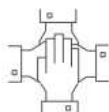
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CERT'ING è la certificazione del CNI riconosciuta a livello nazionale.

La certificazione riguarda tutti i settori dell'ingegneria e qualunque ruolo dell'ingegnere.



Gli Ordini Territoriali sono i garanti della certificazione poiché vigilano sul comportamento dei propri iscritti.



L'Agenzia Cert'Ing è il soggetto che diffonde e promuove il progetto Cert'Ing a livello nazionale, svolgendo una funzione di tutoring e di assistenza verso gli Ordini Territoriali. L'Agenzia assicura un'applicazione omogenea delle procedure di certificazione in tutti i territori italiani evitando qualsiasi disparità tra i diversi Ordini.



Risposte più efficaci ed efficienti alle richieste del mercato



Ingegneri certificati



Competenze garantite dal controllo degli Ordini Territoriali



Valorizzazione delle esperienze



Più fiducia nell'offerta

LA CERTIFICAZIONE È UNA DOPPIA GARANZIA

Da una parte, per gli ingegneri, perché vedono riconosciuta la loro figura in termini di reale competenza; dall'altra parte, per le imprese, gli enti pubblici e privati e per chiunque necessiti della professionalità di un Ingegnere, perché possono avvalersi, mediante la certificazione, di professionisti riconosciuti e qualificati.



Crescita della Qualità nei percorsi progettuali e lavorativi



Più opportunità di mercato



Miglioramento della competitività



Trasparenza del mercato

IMPRESE E PUBBLICHE AMMINISTRAZIONI



Modernizzazione dell'ingegneria



Certificazione riconosciuta dal CNI

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Le prossime slides sono estrapolate dall'intervento tenuto a Barcellona (Spagna) il 26. V. 2017 in occasione del 1st International Forum on Professional Engineering

Certification as an International & Common language to distinguish the quality
Organizzato da AQPE e AIPE

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CERT'ing was born within the National board of Engineers (CNI), in cooperation with UNI, with the specific aim to enhance the experiences of the members of the Order of Engineers by validating the competences acquired during their practice as freelance or in partnership or as employer or as employee.

CERT'ing can be requested by all sectors, all activities and all roles of engineers.

The whole process will be validated ISO 17024.



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COMPETENCE

University degree + continuous professional education

+

Experience and skills acquired “on the field”

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LEVELS OF CERT'ing

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LEVEL 1

after graduation, at least 4 years of working experience 2 of which in the specific sector of the requested Certification where the candidate should still be active.

Shared responsibility



LEVEL 2 (specialist)

after graduation, at least 7 years of working experience 5 of which in the specific sector of the requested Certification where the candidate should still be active. Adequate cv.

Personal responsibility



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CERT'ing Agency's Tasks

- to monitor on the correct implementation and administration of the voluntary competences Certification run by the Territorial Order;
- to provide Territorial Order with technical and organizational support;
- to examine and approve the modifications to the CERT'ing General Regulation;
- to monitor on the promotion of the voluntary competences Certification;
- to implement the CERT'ing voluntary competences Certification by a national promotional campaign;



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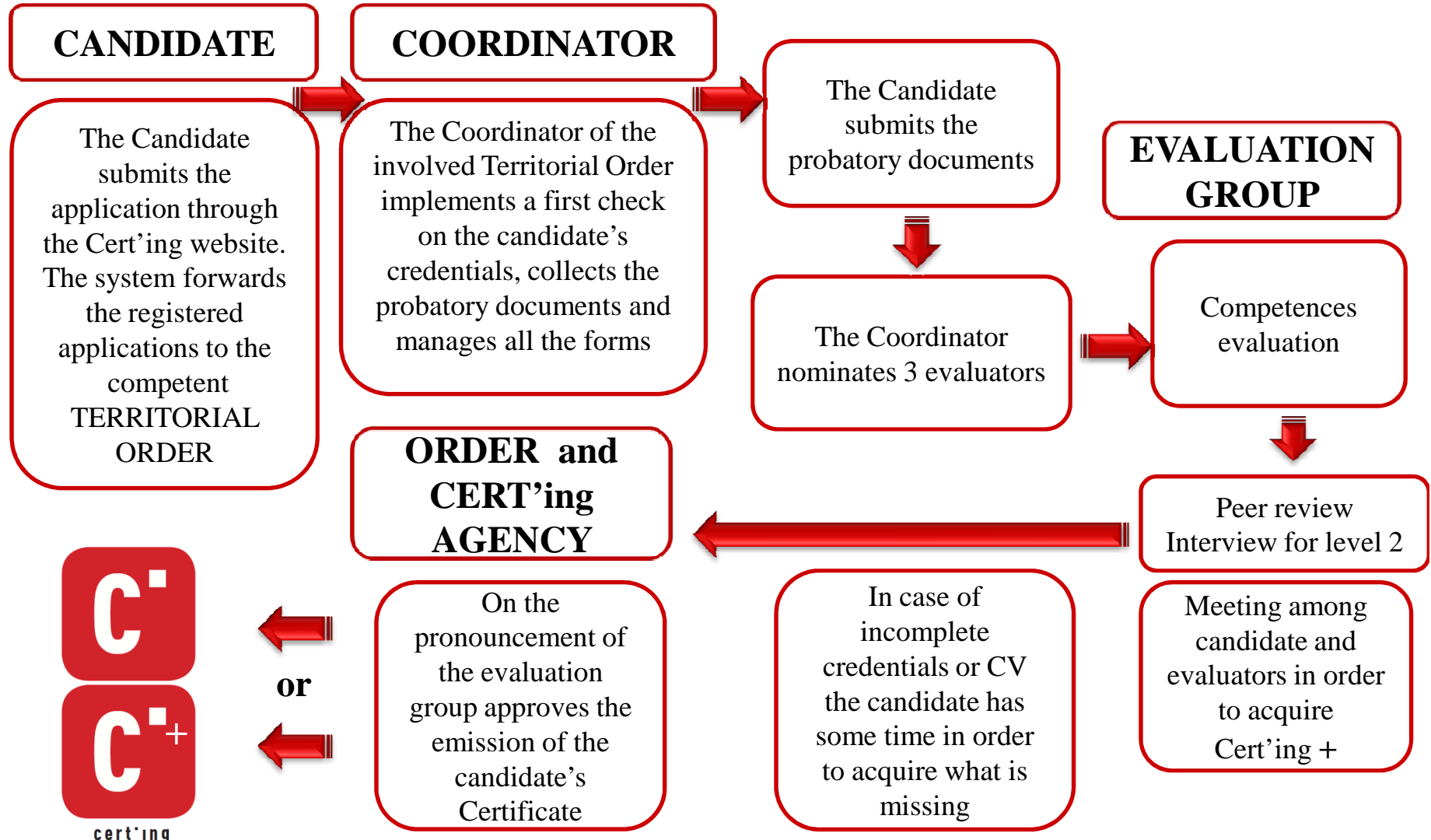
The National board of Engineers (CNI), via the CERT'ing Agency, ensures the national and complete reference framework, while the Orders are in charge of the correct implementations of the voluntary competences Certification in their specific territory.

Current Cert'ing National network – May 2017

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CERTIFICATO

Numero MIB-379-ML17 del 4 maggio 2017

Si attesta che
This is to certify that

L'ing. SALVATORE MARIA MIGLIORE

n° iscrizione all'Ordine 14966 di Milano
(enrolled in the professional register)

ha conseguito la certificazione di
has obtained the certification of



2° livello

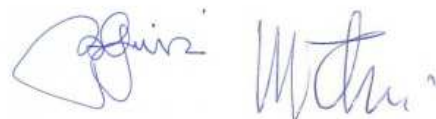
SETTORE: Industriale

COMPARTO: Elettrotecnica

SPECIALIZZAZIONE: Progettazione di impianti elettrici di distribuzione interna

Il Presidente
dell'Ordine degli Ingegneri di
Milano **BRUNO FINZI**

Il Presidente
dell'Agenzia Nazionale per la
Certificazione Volontaria delle
Competenze **CERT'ing**



President



CERTIFICATO

Numero PGB-257-XX16 del 16 maggio 2017

Si attesta che
This is to certify that

L'ing. DIONISIO MARINI

n° iscrizione all'Ordine 1829 di Perugia
(enrolled in the professional register)

ha conseguito la certificazione di
has obtained the certification of



2° livello

SETTORE: Civile e ambientale

COMPARTO: Ingegneria forense (civile e ambientale)

SPECIALIZZAZIONE: Stime Immobiliari, Contenzioso in ambito di appalti, contratti, diritti reali, cause possessorie

Il Presidente
dell'Ordine degli Ingegneri di
Perugia **ing. Baliani**

Il Presidente
dell'Agenzia Nazionale per la
Certificazione Volontaria delle
Competenze **CERT'ing**



President

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CERTIFICATO

Numero MIB-366-ML17 del 22 marzo 2017

Si attesta che
This is to certify that

L'ing. FABIO VALLONE

n° iscrizione all'Ordine 22394 di Milano
(enrolled in the professional register)

ha conseguito la certificazione di
has obtained the certification of



2° livello

SETTORE: Dell'informazione

COMPARTO: Gestione aziendale e qualità

SPECIALIZZAZIONE: Realizzazione sistemi di gestione secondo ISO 9001, ISO 14001, BS OHSAS 18001, ISO 27001, Risk management ISO 31000

Il Presidente
dell'Ordine degli Ingegneri di
Milano **BRUNO FINZI**

Il Presidente
dell'Agenzia Nazionale per la
Certificazione Volontaria delle
Competenze **CERT'ing**

President

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00187 ROMA
Tel +39.06.6976701
www.cni-certing.it**

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Le prossime slides sono estrapolate da
UK SPEC
UK standard for professional engineering competence
www.engc.org.uk Engineering Council

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UK-SPEC

UK STANDARD FOR PROFESSIONAL ENGINEERING COMPETENCE

Engineering Technician, Incorporated Engineer and Chartered Engineer Standard

Third edition

FOREWORD

Engineering is all around us, satisfying everything from our basic needs to our more complex dreams and ambitions. The engineers and technicians who make this possible enjoy contributing to teams through technical endeavour to sustain and improve lives. They possess an incredible range of creative talent that is underpinned by their enquiring minds and balanced by their intellect and judgement.

Society rightly places great faith in the engineering profession, trusting engineers and technicians to regulate themselves on its behalf. This trust can only be delivered through significant individual commitment that is publicly demonstrated by the attainment of the professional competence and behaviours that are described in this Standard.

The men and women who aspire to be recognised as professional engineers and technicians require independent assessment of their competence and commitment, and the UK Standard for Professional Engineering Competence (UK-SPEC) provides the means to achieve this.

UK- SPEC has been developed collaboratively by members representing the breadth of the profession, from industry and academia, and from the many different disciplines and specialisms that make up the 'Universe of Engineering'.

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THE ENGINEERING TECHNICIAN STANDARD

Engineering Technicians apply proven techniques and procedures to the solution of practical engineering problems.

Engineering Technicians are required to apply safe systems of work and are able to demonstrate:

- Evidence of their contribution to either the design, development, manufacture, commissioning, decommissioning, operation or maintenance of products, equipment, processes or services
- Supervisory or technical responsibility
- Effective interpersonal skills in communicating technical matters
- Commitment to professional engineering values.



THE INCORPORATED ENGINEER STANDARD



Incorporated Engineers maintain and manage applications of current and developing technology, and may undertake engineering design, development, manufacture, construction and operation.

Incorporated Engineers are able to demonstrate:

- The theoretical knowledge to solve problems in developed technologies using well proven analytical techniques
- Successful application of their knowledge to deliver engineering projects or services using established technologies and methods
- Responsibility for project and financial planning and management together with some responsibility for leading and developing other professional staff
- Effective interpersonal skills in communicating technical matters
- Commitment to professional engineering values.

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THE CHARTERED ENGINEER STANDARD



Chartered Engineers develop solutions to engineering problems using new or existing technologies, through innovation, creativity and change and/or they may have technical accountability for complex systems with significant levels of risk.

Chartered Engineers are able to demonstrate:

- The theoretical knowledge to solve problems in new technologies and develop new analytical techniques
- Successful application of the knowledge to deliver innovative products and services and/or take technical responsibility for complex engineering systems
- Accountability for project, finance and personnel management and managing trade-offs between technical and socio-economic factors
- Skill sets necessary to develop other technical staff
- Effective interpersonal skills in communicating technical matters.

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Engineering Society
www.kivi.nl

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What is the Chartered Engineer Structure?



WHAT IS THE CHARTERED ENGINEER



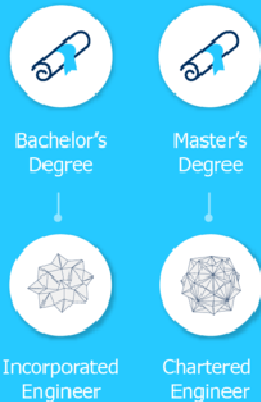
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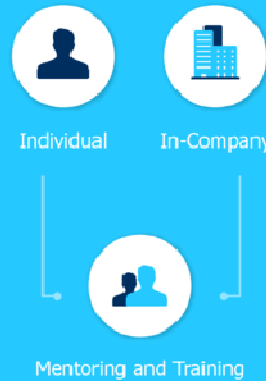
Formal Education

A degree in technology, engineering or a related science is essential. This should be on a University level (WO) or from a University of Applied Science (HBO).



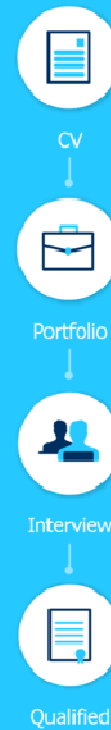
IPD

Initial Professional Development is where candidates will develop the competences expected of a professional engineer. Candidates must have at least 5 years experience.



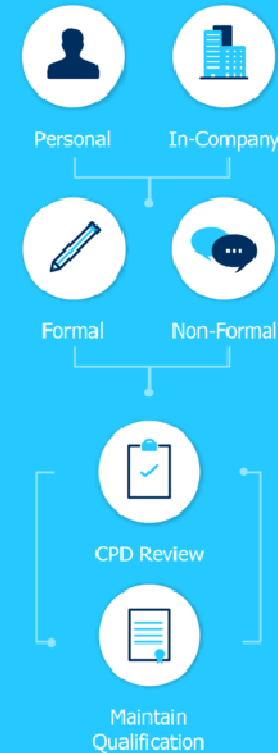
Assessment

There are 5 competences that the candidate must achieve. These require the right level of knowledge, understanding, experience, commitment and a professional attitude.



CPD

Continuing Professional Development is essential in order to maintain Chartership. The aim of CPD is to continuously challenge, develop and improve technical and behavioural competences.



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KIVI offers two professional titles:



Chartered Engineer (CEng)



Incorporated Engineer (IEng)

Choosing which path is right for you

In the ever developing Engineering profession, there are increasingly diverse job roles across multiple workfields and disciplines. Therefore, you must decide which Chartership title is most suited to your career and your professional responsibilities.

Requirements

A minimum of **5 years experience** is required for both titles.

CEng

A master's degree or above.

IEng

A bachelor's degree or above.

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GRAZIE

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