# **CENG - UK-SPEC EVIDENCE FORMS**

**The requirements for Registration are set out in the UK Standard for Professional Engineering Competence or UK-SPEC, which can be viewed via** [**https://www.engc.org.uk/ukspec**](https://www.engc.org.uk/ukspec)

The criteria against which candidates are assessed at Professional Review are set down by the Engineering Council in Competence and Commitment Statements.

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| **Competence** | **A** | **Knowledge and Understanding** |
|  | **B** | **Application to Practice** |
|  | **C** | **Technical and Commercial Leadership** |
|  | **D** | **Interpersonal Skills** |
| **Commitment** | **E** | **Personal Commitment** |

The UK-SPEC Evidence Forms must describe *clearly and concisely* your highways and transportation engineering background, professional achievements and responsibilities for each of the above areas. To assist you, the first two *layers* of the general statements are summarised at the top of each form.

**The forms should not exceed 2500 words in total. This should be broadly broken down into 500-word sections.**

CIHT has also “contextualised” the standards set by UK-SPEC to areas of knowledge and awareness relating to the disciplines in which typical CIHT members are employed. You can use the Gap Analysis document for your area of specialism to help you consider all your experience to date. You should then be able to identify the most appropriate examples to demonstrate the competences and commitment required.

It is essential that all evidence is presented clearly and concisely, including the position occupied by you, your contribution and the extent of your technical and managerial responsibility. You are encouraged to include your role in identifying any problems encountered and the evaluation and implementation of an appropriate solution. You should be able to draw on a number of examples to demonstrate your competence and commitment, not just one major example.

You and your sponsors should ensure that all component elements of the submission are grammatically correct and free of spelling mistakes.

**Appendices**

These should only contain essential evidence e.g. published papers, historical data, research or drawings (including rough drawings and calculations) that support or explain the background, a principle or development and should be clearly cross-referenced e.g. ‘Appendix A1.’ Very large folders should be avoided.

**CIHT: UK-SPEC EVIDENCE FORMS (CEng)**

**Name**: …………………………………….

Number of words used for Competency A: ………………….

**Competency A: Illustrate how you have used a combination of general and specialist engineering knowledge and understanding to optimise the application of existing and emerging technology. In particular, demonstrate how you have:**

1. maintained and extended a sound theoretical approach in enabling the introduction and exploitation of new and advancing technology and other relevant developments;
2. engaged in the creative and innovative development of engineering technology and continuous improvement systems
3. identified constraints and exploited opportunities for the development and transfer of technology within your own chosen field

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**CIHT: UK-SPEC EVIDENCE FORMS (CEng)**

**Name**: …………………………………….

Number of words used for Competency B: ………………….

**Competency B: Illustrate how you have applied appropriate theoretical and practical methods to the analysis and solution of engineering problems. In particular, illustrate how you have:**

1. identified potential projects and opportunities;
2. conducted appropriate research and undertaken design and development of engineering solutions
3. Implemented design solutions, and evaluated their effectiveness

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**CIHT: UK-SPEC EVIDENCE FORMS (CEng)**

**Name**: …………………………………….

Number of words used for Competency C: ………………….

**Competency C: Provide technical and commercial leadership. In particular, show how you have:**

1. planned for effective project implementation;
2. planned, budgeted, organised, directed and controlled tasks, people and resources;
3. lead teams and developed the capabilities of staff to meet changing technical and managerial needs;
4. brought about continuous improvement through quality management.

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**CIHT: UK-SPEC EVIDENCE FORMS (CEng)**

**Name**: …………………………………….

Number of words used for Competency D: ………………….

**Competency D: Demonstrate effective interpersonal skills. Evidence is required of your ability to:**

1. communicate in English with others at all levels;
2. present and discuss ideas and proposals;
3. demonstrate personal and social skills.

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**CIHT: UK-SPEC EVIDENCE FORMS (CEng)**

**Name**: …………………………………….

Number of words used for Commitment E: ………………….

**Commitment E: Demonstrate a personal commitment to professional standards, recognising obligations to society, the profession and the environment, in particular give examples of how you have:**

1. complied with relevant codes of conduct
2. managed and applied safe systems of work
3. undertaken engineering activities in a way that contributes to sustainable development.
4. Carried out the continuing professional development necessary to maintain and enhance

competence in own area of practice

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