**Professional Competency Profile**

**(for Professional Engineer)**

Dear Engineer,

1. Please refer to your application for the status of Professional Engineer. To meet the minimum standard of competence, please demonstrate that you as Engineer were able to practice competently and independently in your field of discipline. It is quite likely that you may not be able to demonstrate work experience/competency in every area, however it is expected that you will able to demonstrate sufficient experience/competency within your claimed area of expertise.
2. While submitting your competency profile, you should provide clear examples that how you have developed the competence, using the attributes. You should include details of projects in which you have played a role, explaining your actual involvement and how these have contributed towards your development as an engineer. Your profile need to be concise, clear and easy to understand. Please don’t give just an account of what you have done since you become Professional engineer; only include solid examples/evidences that show you have developed the required competence. Your report should be in English and you should write in the first person, using ‘I’ instead of ‘we’ or ‘the team’ (e.g., I designed it, I was responsible for…., etc.)
3. You will be provided one and half hour to write an essay on topic of your claimed area of expertise followed by assessment interview by panel of experts on the day of interview

The following characteristics applied by you on various projects during execution will be taken into account while assessing your professional competency for award of P.E status.

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| **Sr.No** | **Characteristic** | **Professional Competency** |
| 1 | **Design & Planning:** Independently & Dependently project design duration the professional career | Comprehend and apply advanced knowledge of the widely-applied principles underpinning good practices |
| 2 | **Execution of Project & Management:** Type of local knowledge |  Comprehend and apply advanced knowledge of the widely-applied principles underpinning good practices specific to the jurisdiction in which he/she practices. |
| 3 | **Operation & Maintenance:** Complexity of analysis | Define, investigate and analyze complex problems |
| 4 | **Communication & Engineering Skills:** Nature of the problem and uniqueness of the solution | Design or develop solutions to complex problems |
| 5 | **Evaluation:** Type of activity | Evaluate the outcomes and impacts of complex activities |
| 6 | **Management:** Level of developed knowledge, and ability and judgment in relation to type of activity  | Recognize complexity and assess alternatives in light of competing requirements and incomplete knowledge. Exercise sound judgment in the course of his or her complex activities  |
| 7 | **Leadership:** No differentiation in this characteristic |  Meet all legal and regulatory requirements and protect public health and safety in the course of his or her activities |
| 8 | **Professional Training:** Preparation for and depth of continuing learning  | Undertake CPD activities sufficient to maintain and extend his or her competence |

Please, submit your technical detail report demonstrating the profile to satisfy above attributes along with documentary evidence.

**Deputy Registrar**

**Registration Department**

**Pakistan Engineering Council**