

Professional Process Safety Engineer (PPSE) Individual Case Procedure Reviewer (IEng/CEng)

Volunteer Role Descriptor

1. Introduction

The Individual Case Procedure (ICP) assesses potential Chartered and Incorporated Chemical Engineer applicants' academic knowledge and understanding (educational base) for Professional Process Safety Engineer, Incorporated Engineer (IEng) and Chartered Engineer (CEng) registration.

The new PPSE ICP process will ensure that we provide a flexible, accessible pathway to all those who do not hold an accredited degree that meets in full the requirements of Engineering Council and IChemE at M-standard. Applicants without accredited qualifications will need to submit a Technical Biography which will then allow a more focussed assessment of the applicant's background knowledge and permit a more tailored request for information against the requirements.

IChemE has set up a new process for PPSE ICP applications. PPSE ICP reviewers are involved in the process to assess the initial Technical Biography submitted by the applicant and later, to assess any Technical Report Questionnaire (TRQ) and to interview the applicant on its contents.

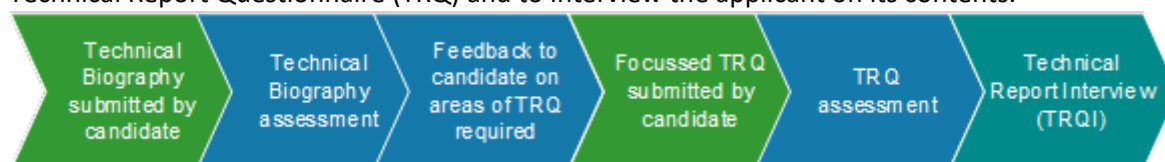


Figure 1: The PPSE ICP process overview

2. What you will be doing

PPSE ICP reviewers are academics or industrialists who give their time voluntarily to represent IChemE. PPSE ICP reviewers are required to work in small teams with other PPSE ICP reviewers to:

- assess applicants against defined criteria. Discussions and decisions must be objective and comply with IChemE standards and requirements; they must not be based on personal views or prejudice
- assess an applicant's Technical Biography and documentation and reach a mutual decision whether the applicant meets the educational base requirements against IChemE requirements on Learning Outcomes at Levels B and F to become a Professional Process Safety Engineer.
- where a Technical Report Questionnaire (TRQ) is required, assess, and conduct a TRQ Interview (TRQI) to confirm evidence
- if an applicant's submission does not meet the requirements, agree with the co-reviewers, and provide feedback, based on the possible outcomes, on what the applicant needs to do to fulfil the requirements
- comply with PPSE ICP procedures and schedules to ensure all applications are dealt with in a timely manner.

3. About you

You will:

- be a current Chartered Chemical Engineer or Professional Process Safety Engineer at Member or Fellow grade
- CEng registered
- PPSE ICP Reviewers, whether academics or from industry, are expected to have some understanding of Higher Education as applied to chemical and process safety engineering
- have access to Microsoft Teams to conduct discussion and interview with co-reviewer and applicant.

4. How you will benefit

There are many benefits of volunteering as an PPSE ICP reviewer:

- an opportunity to support global engineers in their journey to IChemE Chartered Membership and PPSE registration
- maintains the global standards of the chemical and process safety engineering profession and IChemE
- allows an up-to-date understanding of the formation of chemical and process safety engineers and the implications of this for the profession and their employers.
- enhances volunteer's own CPD for longer term career development and their professionalism in a wider context than their own specific job role
- exposure to technical developments that may be outside your own experience.
- increased understanding of a range of chemical and process safety engineering applications in various industries.

5. Time commitment

This role has an anticipated time commitment of three to four hours per month and:

- expected reports received: no more than 8 PPSE ICP submissions per year, this includes any subsequent resubmissions or Technical Report Questionnaires and Interviews
- turn around: target review period for each application is two weeks for Technical Biography and two weeks for the Technical Report Questionnaire.

6. Period of appointment

It is anticipated that PPSE ICP Reviewers will serve a minimum of three years in the role

7. How to apply & appointment method

Please apply using the "apply now" button on this advert on the website. The volunteering team will be in contact with further information. . Following completion of all training PPSE ICP reviewers will be approved by the ICP Panel.

8. Induction & training

All new reviewers are required to undertake online induction training and post training assessment.

Reviewers must attend refresher training as required.

Other standard volunteer training, eg General Data Protection regulations (GDPR) training, will be required.

9. Further information

Expenses for the activities:

This is a volunteer role with no significant expenses likely to be incurred. Exceptionally, any expenses to be claimed should be agreed in advance.

Is the role location specific?

No

Number of roles available

Closing date

There is no specific closing date as recruitment is ongoing.

For further information please contact volunteer@icheme.org

Author:

Date: