



The Royal Institution of Naval Architects

Section 2: Demonstrating you meet the Engineering Council Grades

INITIAL PROFESSIONAL DEVELOPMENT (IPD) OBJECTIVES

Engineering UK sets out the competency standards for each of the 3 grades. This is known as the UK-Spec 4. RINA has taken this specification and applied a Naval Architecture and Maritime Engineer context.

These Engineering Council requirements for each of the grades are defined in the **Initial Professional Development (IPD) Objectives**. These are logbooks where members applying for registration can record their practical work-experience against the various competencies.

Competency area:

Within the IPD logbooks, there are three competency areas:

1. Design
2. Engineering Practice
3. Management Services

Within each area there are a range of competencies. The logbooks are designed apply to anyone working within the maritime community. The IPD logbooks look for members to record their work practice once they feel they have acquired specific technical, interpersonal, and problem-solving skills required for the Naval profession so that it can be presented to RINA for review.

However, the required skills may be developed in several activities. For example, it may well be possible to achieve management skills whilst working in a design environment. The Institution does not prescribe how or where you should obtain these skills.

Levels of ability - when are you ready for Professional Registration?

Applying for Professional Registration is demonstrating to RINA that you are operating as a *Independent Practicing Engineer*, and you have the skill set and experience as set out in the UK-SPEC 4.

To apply for registration, you need to demonstrate to RINA that you can operate as an *Independent Practicing Engineer*. To meet the requirements for registration, RINA would you to *broadly* across all of the competencies be operating at **all** 3 levels below.

The minimum levels of ability required in each activity are broadly defined as:

Level 1: Having knowledge or being aware of an activity's existence and the reason for it.

Level 2: Having an understanding of the reason for an activity and being familiar with how it should be carried out, or can carry it out with supervision.

Level 3: Having the skill to be able to carry out an activity competently and without further guidance

Recording your Practical Work Experience: Your IPD Logbook

The Initial Professional Development Objectives are listed in the IPD Logbook for either EngTech, IEng or CEng. Associate Members are advised to use the IPD Logbook to record your work experience from graduation which have contributed to their Initial Professional Development, showing:

1. the nature of the activity,
2. its duration, and;
3. the Professional Development Objective(s) which the activity has helped to achieve.

What would RINA expect to see in your IPD logbooks?

You have the option to submit your completed IPD logbook for review when you apply for Professional Registration. If you chose this route for registration, RINA will need to be satisfied that there is sufficient detail in your documentation that demonstrates you meet the UK-SPEC 4 standards for registration.

Therefore, we would expect to see the following principles when you are recording your work experience.

Each logbook will:

1. Contains detailed descriptions of work undertaken and how it relates to that competency of practice
2. Contains a reflective element – what was successful, what wasn't successful, what will be improved in the future
3. How does that practice demonstrate you are independent practicing engineer?
4. Detail when and what company work was undertaken
5. Signed off by a line-manager or supervisor

How to record your practical work experience?

Option 1: Use mycareerpath online recording

Option 2: Download the IPD logbooks for each of the grades

Accredited IPD Training Providers:

For candidates who are employed by a RINA accredited IPD training provider, you may be exempted from completing the IPD logs.

You will be required to meet all of the requirements as detailed in the IPD accredited agreement between RINA and your employer.

You will be required to submit documentation from your employer stating you have met the requirements of the scheme.