

Engineers Migration Guide for Australia

ReviewMyCDR is helping Engineers to get Australian Skilled Migration

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Every year thousands of engineer plan to apply for migrations Australia. But many applications get rejected as they don't fulfill the requirement. Here is complete Australia migration guide to assist you in this procedure. You need to get enough information about application procedure, assessment process, visa requirements and sample of Engineering Competency Demonstration Report (CDR).

For Engineers it is of primary importance to know that for which category they would like to assess their engineering qualification from Engineers Australia.

Selection of Engineering Category

Many engineers find it difficult to define in which engineering category they fall. So the criterion is as follows;

- **Engineering Manager**
- **Professional Engineer**
- **Engineering Technologist**
- **Engineering Associate**

Selection of ANZSCO Code

Selection of right ANZSCO Code is the key step in assessing your Engineering Qualification through Engineers Australia. All the engineering categories and disciplines are separately coded and the description of the required duties for each ANZSCO Code is also described in the document. ANZSCO Code can be easily checked from the [Australian Bureau of Statistics \(ABS\)](#) website.

Preparing Competency Demonstration Report (CDR)

Once you have decided your category, the next important thing to consider is the preparation of **Competency Demonstration Report (CDR)**. Mostly people don't know necessary requirements for preparing CDR. Competency Demonstration Report (CDR) have following components;

- Career Episodes (Three)
- Summary Statement (One)
- Continual Professional Development (CPD)
- Professional Resume

Career Episodes (CEs) are based on your projects that you have completed during Engineering qualification or on the job. Each career episode is sub-divided into four sections;

Introduction: 50 words

- Dates and duration of the project or appointment you are writing about
- Name of employing organisation and location of worksite
- Title of the position you occupied

Background: 200 – 500 words

- Nature and objectives of the overall engineering project
- Nature of your particular work area
- An organisation chart highlighting your position

Personal Engineering Activity: 500 – 1000 words

- Detailed description of the work you performed personally
- Technical details of the work
- How you applied your engineering knowledge and skills
- The tasks delegated to you and how you went about accomplishing them
- Any particular engineering problems you encountered and how you solved them
- Strategies you devised, including any original or creative design work
- How you worked with other team members

Summary Statement (SS): 50 – 100 words

- Your view of the overall project (brief summary)
- How well the project succeeded in meeting its goals and requirements
- How your personal role contributed to the project

Summary Statement (SS) is the most difficult component of CDR and only one Summary Statement is required for three career episodes. Summary statement have three main sections; Knowledge and Skill Base, Engineering Application Ability, and Professional & Personal Attributes. In each Summary Statement, demonstration of following parameters (Paragraph Codes from Career Episodes only) related to the knowledge, skill base, engineering application ability, professional and personal attributes are required;

1.0 Knowledge and Skill base

1.1 Systematic, theory-based understanding of the underpinning natural and physical sciences and the engineering fundamentals

1.2 Conceptual understanding of the mathematics, numerical analysis, statistics and computer and information sciences

1.3 In-depth understanding of specialist bodies of knowledge

1.4 Discernment of knowledge development

1.5 Knowledge of contextual factors

1.6 Understanding of the scope, principles, norms, accountabilities and bounds of contemporary engineering practice

2.0 Engineering Application Ability

2.1 Application of established engineering methods to broadly-defined problem-solving

2.2 Application of engineering techniques, tools, and resources

2.3 Application of systematic synthesis and design processes

2.4 Application of systematic approaches to the conduct and management of projects

3.0 Professional and Personal Attributes

3.1 Ethical conduct and professional accountability

3.2 Effective oral and written communication

3.3 Creative, innovative and proactive demeanour

3.4 Professional use and management of information

3.5 Orderly management of self, and professional conduct

3.6 Effective team membership and team leadership

Continuing Professional Development (CPD) Presentation

CPD is basically a list including all professional training courses you have done since you engineering undergraduate course. For presenting this information you can simply create a three column table including activity, date and hours. Another way is to present testamur. Testamur is basically official certificate for training or course that you have done just like you university degree.

Required IELTS Score

You need to get good score in your IELTS exam. You must score 6 or more in each category to assess your engineering qualification through Engineers Australia. However to get 10 points for immigration you need to get 7 in each module (reading, writing, listening, speaking) of IELTS.

Professional Engineer Accreditation

As you continue to work in Australia you will be assessed for your knowledge, skills and other factors. Based on your Competency Demonstration Report (CDR) you can obtain accreditation as a Professional Engineer.

Recognition of Qualification

Engineering qualifications from most of the developing countries are not recognized Engineers Australia, because they are not members of Washington Accord, Sydney Accord, or Dublin Accord. You need to check your recognition with Washington Accord that whether your qualification is acceptable in Australia or not.

In order to qualify you need to write Competency Demonstration Report (CDR) based on your university Project, Summer projects, etc. However you must note in theory possibility for accreditation without work experience is there while in practical that will be really difficult.

Rules for Secondary Applicant

For secondary applicants of visa you don't need license to work in Australia. You need registration for working Queensland or construction industry. This registration is really helpful for getting job as it is an approval from Australian engineers that you're capable to handle work. As Australians are quite concerned about the quality of work so such registration removes any ambiguities.

You can easily find further information on internet. Here are some resources which might be helpful:

- [Australian Skills Recognition Information \(ASRI\)](#) for occupation lists
- The [Australian Bureau of Statistics \(ABS\)](#) for detailed information about occupation and typical tasks
- The [Migration Skills Assessment Handbook](#) for application procedure, assessment process, visa requirements and sample of engineering CDR.

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