

# Industrial Designer

ANZSCO: 232312

Group B

## About this document

- The following Information Sheet is for your reference only and should be used as a guide to assist with your Skills Assessment application to VETASSESS. This information is subject to change.
- Please note that a Skills Assessment of the qualification involves assessment of both the qualification level and content. Qualifications are assessed according to the guidelines published by the Australian Government Department of Education.
- The employment assessment involves determining the skill level and relevance of the tasks undertaken.
- Integrity checks may be conducted to verify the qualification and employment claims made in an application.

## Job description

Industrial Designers plan, design, develop and document industrial, commercial or consumer products for manufacture with particular emphasis on ergonomic (human) factors, marketing considerations and manufacturability, and prepare designs and specifications of products for mass or batch production.

## Occupations considered suitable under this ANZSCO code:

- Product Designer
- Ceramic Designer
- Furniture Designer
- Glass Designer
- Textile Designer
- Service Designer

## Occupations not considered under this ANZSCO code:

- Fashion Designer
- Jewellery Designer

These occupations are classified elsewhere in ANZSCO.

## Industrial Designer is a VETASSESS Group B occupation

This occupation requires a qualification assessed as comparable to the educational level of an Australian Qualifications Framework (AQF) Bachelor degree or higher.

Applicants can fulfil the assessment criteria for this occupation in four different ways.

Qualification and employment criteria Applicants must have fulfilled at least one of the following four criteria (1–4):

| GROUP<br><b>B</b>  | Criteria for a positive Skills Assessment  |   |  |   |
|--|--|---|--|---|
|  | Minimum comparable Bachelor or higher degree AQF level   | With highly relevant major field of study   | Additional highly relevant qualifications  | Highly relevant employment duration   |
| 1  |  +  |  + | N/A  |  1 YEAR minimum    |
| 2  |  +  | No highly relevant major  | <br>Minimum AQF Diploma level with highly relevant major |  2 YEARS minimum   |
| 3  |  +  | No highly relevant major  | No additional highly relevant qualifications   |  3 YEARS minimum |
| Pre-qualification methodology can apply to Group B occupations |  |   |  |   |
|  | Highly relevant employment duration  | With or without highly relevant major field of study                                | Additional highly relevant qualifications  | Comparable Bachelor degree AQF level  |
| 4  |  + <br>Within last 5 years | N/A   | N/A  |                  |

## Description of Pathways

The information below describes the available pathways for a Skills Assessment under **Group B**. Please note that in order to achieve a successful Skills Assessment Outcome, a positive assessment for both qualifications and employment is required.

### Pathway 1

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Bachelor degree or higher degree and in a field highly relevant to the nominated occupation.

Bachelor degree or higher degree includes AQF Master Degree or AQF Doctoral Degree.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **one** year of post-qualification employment at an appropriate skill level, undertaken in the last five years,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

### Pathway 2

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Bachelor degree or higher degree and in a field not highly relevant to the nominated occupation.

Bachelor degree or higher degree includes AQF Master Degree or AQF Doctoral Degree.

An additional qualification in a highly relevant field of study at a minimum AQF Diploma level is required. Additional qualifications in a highly relevant field of study include those comparable to the AQF Diploma or AQF Advanced Diploma or AQF Associate Degree or AQF Graduate Diploma.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **two** years of post-qualification employment at an appropriate skill level, undertaken in the last five years,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

### Pathway 3

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Bachelor degree or higher degree and in a field not highly relevant to the nominated occupation.

Bachelor degree or higher degree includes AQF Master Degree or AQF Doctoral Degree.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **three** years of post-qualification employment at an appropriate skill level, undertaken in the last five years,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

### Pathway 4

This pathway requires a qualification assessed as comparable to the education level of an Australian Qualifications Framework (AQF) Bachelor degree or higher degree with or without a highly relevant major field of study to the nominated occupation.

Bachelor degree or higher degree includes AQF Master Degree or AQF Doctoral Degree.

In addition, it is essential for applicants to meet the following employment criteria:

- at least **six** years of employment at an appropriate skill level that includes at least **one** year of highly relevant employment within the last five years before applying,
- working 20 hours or more per week, and
- highly relevant to the nominated occupation.

## Qualification

This occupation requires a qualification in:

- › Industrial Design
- › Design – covering studies in Product Design, Ergonomics, Sustainability and Design, Design Drawing, Prototype Construction, Creative Technologies, and Design, Innovation and Technology

\* This includes qualifications assessed at AQF Bachelor, Master and Doctoral level.

## Employment

Highly relevant tasks include:

- › Determining the objectives and constraints of the design brief by consulting with clients and stakeholders;
- › Undertaking product research and analysing functional, commercial, cultural and aesthetic requirements;
- › Formulating design concepts for textiles, industrial, commercial and consumer products;
- › Preparing sketches, diagrams, illustrations, plans, samples and models to communicate design concepts;
- › Negotiating design solutions with clients, management, and sales and manufacturing staff;
- › Selecting, specifying and recommending functional and aesthetic materials, production methods and finishes for manufacture;
- › Detailing and documenting the selected design for production;
- › Preparing and commissioning prototypes and samples;
- › Supervising the preparation of patterns, programs and tooling, and the manufacture process.

## Employment information

Industrial Design is the professional practice of designing products used by people around the world every day. Industrial Designers not only focus on the appearance of a product, but also how it functions, how it is manufactured and, ultimately, the value and experience it provides for users. Industrial Designers may work in multi-disciplinary teams, and work closely with clients, managers, sales and manufacturing teams to achieve optimal design and finished product.

Industrial Designers may work in the following businesses / organisations:

- › Design consultancies
- › Design studios with interdisciplinary design teams
- › Retail and manufacturing companies
- › Tech companies
- › Research and development departments
- › Sole proprietors
- › Contract freelancers
- › Non-government organisations (NGOs), Craft Development centres or Craft councils
- › Designer / Maker Workshops.

## What is a Service Designer?

Service Design uses a research-led process and human-centred methods and approaches to improve productivity and quality of services, as opposed to a physical product.

Service Designers work within multi-disciplinary teams with other Designers with specific specialisations, and are involved in design research and strategy projects using design thinking methodology.

## Supporting Material for Assessment

When applying for a Skills Assessment, please ensure you submit sufficient evidence supporting your proof of identity, qualification and employment claims. A full list of the documents required can be found on the VETASSESS website under Eligibility Criteria.

If you are nominating this occupation, you must also submit a portfolio. Please provide a link to your portfolio or upload samples of your design work of no more than 5MB per sample.

## Self Employment

If you are self-employed, you are required to provide the following:

- a) Evidence of self-employment such as sole trading or business registration details and/or official statements issued by your (registered) Accountant and/or legal team. The statement from your Accountant or Solicitor must include the Accountant's or Solicitor's letterhead, your full name, how long you have been continuously self-employed, including official dates in each role, the nature of the business conducted, the signature and contact details of the Accountant or Solicitor.
- b) A statutory declaration listing your main duties during self-employment.
- c) Payment evidence showing regular income from self-employment, such as client invoices together with corresponding bank statements and /or official taxation records.
- d) Supplementary evidence, such as contracts with clients or suppliers, client test

