

# ENGINEERING COUNCIL OF SOUTH AFRICA FACTS AND FUNCTIONS



The Engineering Council of South Africa (ECSA) is a statutory body established in terms of the Engineering Profession Act, 2000 (Act 46 of 2000), and derives its powers and responsibilities from the Act.

The main focus of the Act is the promotion of public safety, health and interests in relation to actions of persons registered with ECSA.

## IN ORDER TO ACHIEVE ITS MAIN FOCUS ECSA PERFORMS THE FOLLOWING FUNCTIONS:

- **Academic Standards**
- **Professional Development Standards and Registration**
- **Government Liaison**
- **International Recognition**

## REGISTRATION: CANDIDATES

Application for registration as a candidate engineer will require certified proof that the applicant has a recognised or accredited academic qualification. If an applicant has a foreign qualification, a copy of the qualification certificate as well as an academic record reflecting all subjects taken and passed during the years of study should be submitted with the application. Other benefits of registering first as a candidate engineer are:

- It demonstrates the candidate's identification with the ideals of the profession, namely the maintenance of a high level of standards and of professionalism in the interest of the public and the country as a whole.
- As the industry is increasingly in need of registered persons, candidates are therefore in an advantageous position over non-registered practitioners.
- Candidate registration is also an indication of the person's aspiration to become registered as a professional in the future.
- Employers' commitment to candidates regarding their professional development is in many cases more apparent when they are registered.
- Persons registered as candidates are normally subjected to a formally structured training programme, which will prepare them for professional registration.

## PROFESSIONAL REGISTRATION

After obtaining the required qualification and experience, ECSA registers engineering practitioners in the following professional registration categories:

- Professional Engineer (Pr Eng)
- Professional Engineering Technologist (Pr Tech Eng)
- Professional Certificated Engineer (Pr Cert Eng)
- Professional Engineering Technician (Pr Techni Eng)

In each of these categories, provision is made for candidate registration. The academic and experience requirements for professional registration are as follows.

CATEGORY	ACADEMIC QUALIFICATION	MINIMUM EXPERIENCE
Professional Engineer	BSc(Eng)/ B Eng (4yrs)	3 years
Professional Engineering Technologist	BTech (Eng)	3 years
Professional Certificated Engineer	Government Certificate of Competency for Engineers, Mine Managers, Marine, Electrical and Mechanical Engineers	3 years in responsible position - 1 year must be as the engineer appointed in terms of an applicable Act
Professional Engineering Technician	NDip	3 years

## WHY DO YOU NEED TO REGISTER

Besides the fact that you will be seen as a "professional" practitioner with your own title, registration will also indicate that you subscribe to the setting of high-level standards and the enforced maintenance thereof. Registration is therefore beneficial for the following reasons:

- **Professional Status**
- **Trust and Recognition of Qualifications and Experience**
- **Marketability and Financial Gain**
- **Professional Competence**

## FOR ADDITIONAL INFORMATION CONTACT:

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