

Registration and grading guide for technicians

Registration with the Saudi Council of Engineers

Professional registration in the Saudi Council of Engineers aims to evaluate the academic qualifications and practical experiences of workers in the profession to ensure eligibility to join its membership, in addition to creating a professional record that documents the qualification level of the practicing member, in order to contribute to the advancement and improvement of the level of the profession and the application of the best technical professional practices in the engineering sector in the Kingdom.

Registration and Grading guide for technicians in the Saudi Council of Engineers:

Membership registration category: Technician

It is a registration category with the Saudi Council of Engineers for practitioners in one of the technical fields related to engineering sciences or engineering technology.

The Registration and Grading Guide for Technicians grants three levels of membership:

Technician

He is the holder of a post-secondary diploma lasting two years or more

Admission criteria for the technician degree:

1. Post-secondary diploma (program duration: 2 years, 4 semesters, no less than 60 credit hours) or alone.
2. Diploma after secondary school (program duration: 3 years, 6 semesters).

Senior Assistant Technician:

He is the holder of a one-year post-secondary diploma or a specialized training program in one of the technical fields.

Admission criteria for the first assistant technician degree:

1. Post-secondary diploma (program duration is one year, two semesters, 24 credit hours).
2. A vocational training program of at least one year after high school.
3. Certificate of a professional training program in the field of maintenance (the duration of the program is not less than one year) and works in professions related to the field of maintenance of a special nature (vehicles, ships, aircraft) with a professional license or license in the field of the profession or a professional identification letter from the concerned authority.

Assistant technician

Whoever holds a secondary industrial qualification certificate or a diploma from an industrial or technical institute after passing the intermediate stage of a regular scientific study program in a college, institute or vocational education school recognized in the country of graduation, or practical experience of not less than 5 years.

Admission criteria for the assistant technician degree:

1. Industrial secondary school certificate.
2. Diploma of the Industrial Technical Institute.
3. Vocational education school (program duration is two years).
4. A vocational training program certificate of no less than 6 months.
5. A certificate below the secondary level and has documented professional technical experience of no less than 5 years.

Requirements of professional registration for technicians:

1. Attach the certificate in one of the technical specializations that meets the required technical professional degree.
2. Attach certificates of practical experience certified by the Ministry of Foreign Affairs for expertise from outside the Kingdom and attestation by the Chamber of Commerce (electronic documentation) for expertise from within the Kingdom (according to the acceptance criteria for the required technician membership).
3. Attach the necessary documents to complete the registration process (ID/border number, work visa, passport, work identification letter, certificate, and academic record).
4. Saudi: An equivalence certificate from the Ministry of Higher Education for those holding qualifications from outside the Kingdom or authentication.
5. Non-Saudi: Authentication of the certificate from the Ministry of Foreign Affairs and Cultural Attachés.
6. Signing the acknowledgment and authorization (can be obtained from electronic forms on the authority).
7. Personal photo:
8. Payment of registration fees (according to the acceptance criteria for the required technician degree).
9. Attach the professional license or license (according to the requirements for membership level) or a letter of professional recognition.
10. Attach documented experience of no less than 5 years (according to the requirements for the membership level).
11. Attach the high school certificate (if requested)

Studying applications for professional registration for technician membership:

The application is studied and all required documents are reviewed for each application according to Figure No. (1) To provide the minimum requirements for technical education or professional experience, which the applicant is entitled to upon fulfillment to obtain membership and a degree that meets the requirements.

Assistant technician	Senior Technician	Technician
He holds an industrial secondary school qualification, a diploma from an industrial or technical institute, or a vocational education school, with a minimum of two academic years after passing the intermediate stage.	Associate Diploma: One academic year (24) hours	Intermediate diploma, two academic years (60) hours
A vocational training program certificate of no less than 6 months	A certificate of a vocational training program of no less than one year after high school	3-year academic diploma
He holds a qualification below the secondary level and has documented professional technical experience of no less than 5 years	Whoever holds a certificate of a professional training program specialized in the field of maintenance for a period of no less than one year and works in a profession related to maintenance of a special nature (vehicles - ships - aircraft) and must bring a professional license in the specialty of the profession or a letter of professional recognition from the concerned authority.	

- **Specializations:**
Professions of specialists:

Note: For the professions below, a bachelor's degree in one of the natural sciences supporting engineering sciences is required for a minimum of three years of study.

General systems analyst	Operations Analyst	Computer programmer	Supervisor of distributing and operating computer network security	Information bank systems programmer	Database Administrator	Computer trainer	Business analysis specialist
Technical services specialist	Technical support specialist	Software development specialist	Information security specialist	Software engineering specialist	Electronic computer operator	Database administrator	Systems operation specialist

Professions of technicians:

Building surveyor	Road surveyor	Land surveyor	Architectural draftsman	General Surveyor	Mine surveyor	Photographic surveyor	Structural/buildings draftsman
Structural/Methods draftsman	General painter	Civil engineering draftsman	Cartographer and chart artist	Building Technician (Building Supervisor)	Road technician (road supervisor)	Quantity calculator	Soil Mechanics Laboratory Technician
Construction materials laboratory technician	Assistant surveyor	Digital mapping technician	Digital aerial survey signature technician	Surveyor and field investigator	Digital aerial survey equipment operator	Senior Map Printing Supervisor	Marine charting technician
Quantity surveyor	Electrical draftsman	Mechanical draftsman	Electrical design draftsman	Generation and installation plant technician	Generation plant operation and maintenance technician	Transformer stations installation technician	Conversion station technician operation and maintenance

Overhead line electrician	Underground cables electrical technician	Customer services electrical technician	Electrical wiring technician	Machinery maintenance electrical technician	Precision instrumentation electrical technician	Electrical Engineering Technician-General	Electronics technician
General telecommunications technician	Fire alarm technician in salt water desalination	Electrical technician, aircraft generators and motors	Communications electronic technician	Medical device technician	Electronic technician, TV maintenance	Electronic technician, control devices	Electrician
Electronic painter	Radio transmission electronic technician	Television broadcast electronic technician	Computer technician	Communications engineering technician	Mobile phone technician	Telephone technician	Industrial equipment installation technician
Occupational safety and security technician	Occupational health technician	Firefighting technician	Water network technician	Network sewer technician	Sewage purification plant technician	Water and sewer/subscriber services technician	Sound technician
Lighting technician	Decorative technician	Natural minerals technician	Metal furnace technician	Factory layout draftsman	Drilling technician	Electronic computer operator	Computer network technician
Support technician	General mechanical draftsman	Mechanical draftsman, plumbing and	Air conditioning and refrigeration mechanical	Mechanical draftsman, welding	Mechanical Engineering Technician	Production mechanical technician	Welding technician

		heating installations	draftsman	and tinplate	n - General		
Welding examiner	Pouring technician	Mold technician	Thermal transactions technician	Plumbing and heating installation technician	Plumbing and heating technician / operation and maintenance	Air conditioning and refrigeration technician/installation	Air conditioning and refrigeration technician / operation and maintenance
Mechanical engineering and steam engine technician	Light vehicle maintenance technician	Bus and truck maintenance technician	Road machinery maintenance technician	Agricultural machinery maintenance technician	Engine lathe technician	Helicopter maintenance technician	Aeronautical engineering technician
Jet aircraft maintenance technician	Ship engine maintenance technician	Locomotive maintenance technician	Fluid Technician (Hydraulics)	Steam turbine operation technician	Steam Turbine Technician (Maintenance)	Gas turbine technician	General maintenance mechanical technician
Production engineering technician	Time and motion study technician	Cathodic protection technician	Swimming pool maintenance technician	General Chemistry Laboratory Technician	Crude oil laboratory technician	Water laboratory technician	Food laboratory technician
Oil refining chemical technician	Chemical detergent manufacturing technician	Food industry technician	Painting industry technician	Mining technician	Mining technician	Oil technician	General chemical technician

Architectural model maker (maquette).							
---------------------------------------	--	--	--	--	--	--	--