Junior Technician - Electrotechnician (SY-EPC-OMS-2025-10-GRAE)

Geneva, Switzerland

Full-time

Job Description

The Electrical Power Converter (EPC) Group, responsible for delivering power converters for the High Luminosity LHC Project (HL-LHC) and POPS+, is looking for a motivated Electrotechnical Technician to join our team. In this role, you will have the unique opportunity to work on innovative technology, taking a critical role in helping to build power converters that will power one of the world's most advanced scientific machines.

Your responsibilities

The Electrical Power Converter (EPC) Group, responsible for delivering power converters across CERN accelerator complex, is looking for a motivated Electrotechnical Technician to join our team.

In this role, you will have a critical role in building power converters that will power one of the world's most advanced scientific machines.

What you will do:

- Participate in the assembly of equipment in converters, in the wiring and assembly of hydraulic cooling systems for power converters.
- Organize the logistics of activities.
- Communicate problems encountered to project managers and participate in their resolutions.
- Document activities and their status with equipment managers by specifying modifications or improvements during the assembly process.
- This team collaboration will allow the technician to acquire first enriching electromechanical experience in view of the variety of fields (mechanics, assembly mechanics, wiring, piping, management, etc.).

More information here: https://videos.cern.ch/record/2688929

Your profile

Use of CAD tools (2D, 3D) for the creation of simple electromechanical assemblies. Manufacture, assembly or installation of electromechanical assemblies

Skills

- Previous experience within an electrical/electro-mechanical assembly role

- Ability to use machine tools
- Ability to use schematics and assembly drawings
- Ability to Write Clear, Concise Technical Reports (using office
- tools)
- Attention to detail
- Fluent in French, the ability to work in English would be an advantage.

Eligibility criteria:

- You are a national of a CERN Member or Associate Member State.
- **By the application deadline,** you have a **maximum of two years of professional experience since graduation** in TECHNICIEN EN ELECTROMECANIQUE (or a related field) **and your highest educational qualification is a general secondary education diploma**.
- You have never had a CERN fellow or graduate contract before.
- Applicants with a Bachelor's, Master's or PhD degree are not eligible.

Additional information

Job closing date: **4th of April 2025 at 23:59 CET.**

Contract duration: 24 months, with a possible extension up to 36 months maximum.

Working hours: 40 hours per week

Job flexibility: Fully Onsite

Target start date: 01-September-2025

This position involves:

- Work in Radiation Areas.
- Interventions in underground installations.
- A valid driving licence.
- Use of certain mobile work equipment or equipment used for lifting loads (lifting equipment, bridge cranes, aerial work platforms, etc.) requiring a driving authorization.

Given the occupational health risks associated with this position, the selected candidate must obtain medical clearance before a contract offer is confirmed.

Job reference: SY-EPC-OMS-2025-10-GRAE

Field of work: Electrical or Electronics Engineering

Benchmark job: 300050 - Electromechanical Technician

Application link: **https://smrtr.io/q9vsD**

What we offer

- A monthly stipend of **4624 Swiss Francs (net of tax)**.
- Coverage by CERN's comprehensive **health scheme** (for yourself, your spouse and children), and membership of the CERN **Pension Fund**.
- Depending on your individual circumstances: installation grant; family, child and infant allowances; payment of travel expenses at the beginning and end of contract.
- **30 days of paid leave per year**.
- On-the-job and formal training at CERN as well as in-house language courses for English and/or French.

About us

At CERN, the European Organization for Nuclear Research, physicists and engineers are probing the fundamental structure of the universe. Using the world's largest and most complex scientific instruments, they study the basic constituents of matter - fundamental particles that are made to collide together at close to the speed of light. The process gives physicists clues about how particles interact, and provides insights into the fundamental laws of nature. Find out more on http://home.cern.

Diversity has been an integral part of CERN's mission since its foundation and is an established value of the Organization. Employing a diverse workforce is central to our success.