

Junior Technician - Electronics and Test (SY-EPC-LPC-2025-42-GRAE)

Geneva, Switzerland

Full-time

Job Description

Your responsibilities

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

What you will do:

- Participate to the frame assembly of the power converters
- Manage a Test Station and maintain it.
- Organise the test and qualification of power converters.
- Participate in the improvement of test process.
- Work closely with Design Engineers, learning from their expertise.
- Acquire new skills through internal training. This is an excellent opportunity to grow your skills through in an exciting domain while contributing to CERN program.

More information here: <http://sy-dep-epc-lpc.web.cern.ch/general.stm>

Your profile

Skills

- Understanding Electronic Schematics
- Basics on mechanical assemblies and drawings
- Electronics Testing and Measurements
- Write clear, concise technical reports (office tools)
- Fluent in English, the ability to work in French 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 Electronics Electromechanics Test (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: **26 March 2025 at 23:59 (midnight) CET**

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

Working hours: 40 hours per week

Target start date: 01-May-2025

This position involves:

- 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-LPC-2025-42-GRAE

Field of work: Electrical or Electronics Engineering

Application link: <https://smrtr.io/q9vKG>

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.