

Position	Engineering Technician	Starting Date	~ March 2027
Duration	Permanent	Workload	60-100%
Location	1350-Orbe, CH	Gender	Any

Job overview

The Countdown Company is offering an open position for an engineering technician capable of taking on a wide spectrum of challenges spanning over multiple industries.

The candidate will be given the responsibility of the manufacturing, testing, and integration of mechanical systems developed by the engineering office, as well as supporting its activities.

Projects' scope varies from modifying existing machinery to developing new special machines, involving the candidate within the rest of the team, both for making their designs come to life, and for guiding them to improve the manufacturability of the proposed solutions. The candidate will work on several projects in parallel.

Working environment

The Countdown Company is a mechanical engineering office developing tailored mechanical systems for the aerospace, watchmaking and food industries.

We promote proximity between the different fields of mechanical engineering, offering a unique opportunity to perform hands-on work in a non-corporate and pluridisciplinary environment. We also encourage employees to explore all phases of a project's development process.

The Company's facilities are located in Orbe, Switzerland. With a workshop on the ground floor and an office on the first floor, all tools required for product development are vertically integrated.

Find out more about The Countdown Company on our [website](#) and on [LinkedIn](#).

Application process

Contact us at info@tcdc.ch with a resume and motivation letter.

“Join us to tackle the industry's most complex challenges.”

Responsibilities

Firstly, the candidate will have the role of engineering technician on several projects:

- Operate and maintain traditional machines, such as conventional milling, drilling, turning and grinding machines.
- Program and operate CNC equipment.
- Control the quality of produced parts and systems.
- Participate in assembly and troubleshooting of complex systems.
- Conduct performance and environmental testing on mechanical systems.
- Develop custom tooling and jigs for internal use, using CAD software.
- Take part in on-site commissioning at client facilities.
- Contribute to the organization, monitoring, and continuous improvement of the workshop, including parts inventory management, raw materials storage, and the selection and implementation of new equipment.
- Contact and negotiate with suppliers.
- Prepare technical documentation (presentations, reports, manuals, procedures, ...).
- Stay updated on industry trends, emerging technologies, and best practices in manufacturing.

Secondly, the candidate will have the role of supporting the engineering office by:

- Participate in the design of mechanical systems, with a particular emphasis on design for manufacturing, and tolerances definition.
- Use CAD software to review and produce technical drawings.
- Take part in design reviews, project meetings, and cross-functional discussions.
- Support sales team to determine potential manufacturing feasibility and provide costs breakdown.

Basic qualification

- Polymechanic formation; bachelor's degrees in mechanical engineering or related field are preferred.
- 2+ years of professional experience in mechanical shop or industrial machine production/integration.
- Participation in a complex product's development, manufacturing, or testing, demonstrating technical excellence.
- Proficiency in French and English, German is a plus.

Preferred skills and experience

- Experience in managing workshop environment, including security measures, scheduling, and logistics.
- Experience with SolidWorks (incl. PDM).
- Experience with CAM software, in particular CAM Fusion 360.
- Strong understanding of design for manufacturing, and quality control principles.
- Understanding of mechanical principles, and materials selection process.
- Experience with prototyping, testing, and validation of mechanical components and systems.
- Practical experience with pneumatic systems and automation is an asset, including routing, cabling, and system integration.
- Excellent attention to detail, with a focus on delivering high-quality solutions.
- Knowledge of Swiss suppliers for mechanical parts and services.
- Ability to work effectively in a collaborative team environment, with excellent communication and interpersonal skills.
- Good organizational skills, working on several projects in parallel.
- Driving license (cat. B) recommended; cat. BE is a plus.