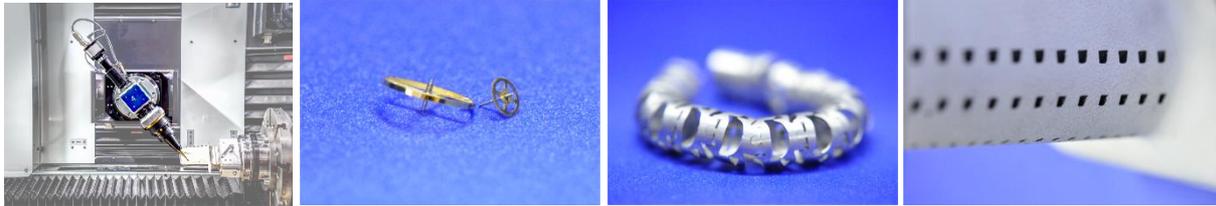


OPEN POSITION • CLASS 4 LASER PROFESSIONALS AG

Material & Welding Engineer



CLASS 4 LASER PROFESSIONALS is a high tech SME founded in 2011 by a passionate, highly skilled team with years of experience in laser micro-processing. Our customers are from such demanding industries as the Swiss watch, (crystals & stones, micro-welding), medical devices (stents, endoscopes, prosthesis), aerospace (turbines, filters), electronic (sapphire, welding of dissimilar materials), tooling (CBN, mono and polycrystalline diamond) or automotive industry (filters, injection nozzles).

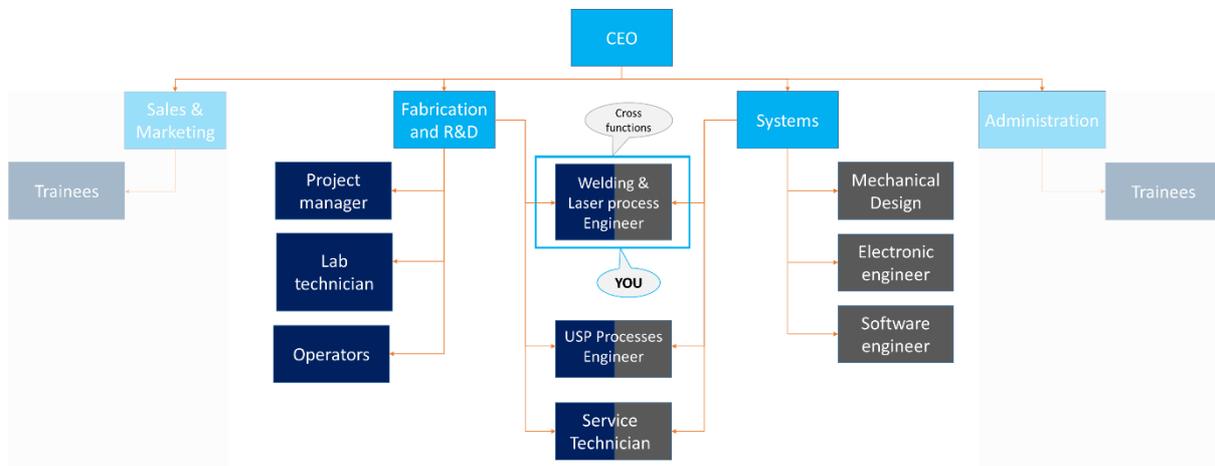
The Welding of challenging materials (Nitinol, Nickel-based super-alloys, dissimilar materials as brass-steel, high carbon steels...); micro-drilling with high aspect ratio, high precision cutting of sensitive materials, ceramics and crystals or micro surface structuring are some of our specialties. Additionally, we manufacture tailor-made Laser systems for our customers around the world.

In order to test the boundaries of Laser technology, Class 4 Laser is partner in numerous national, European and international research projects, including some of the leading universities and institutes for laser technology. HIPERDIAS is one of these projects and belongs to the European Unions' high tech research initiative HORIZON 2020.

OUR GOAL?

To support our customers throughout their Laser applications by offering flexible and specific solutions: R&D, contract manufacturing or Laser systems.

To do so, Class 4 Laser Professionals AG is divided in 2 main departments: Fabrication (Job Shop) & Systems Development.



YOUR MISSION

Applications Engineers works as a part of the fabrication group, developing Laser process and technologies for industrial customers' demands and projects.

You will be an expert in laser welding and material science in laser applications. In this role you will communicate directly with customers, prepare customer demonstrations and process laser processed samples for different industries.

Your goal is to support both the job shop (contract manufacturing) and the system department by ensuring best in class customer satisfaction in the pre-sales technology evaluation process and customer after-sales support.

You will be a key player of the industrialisation of our solutions.

YOUR TASKS

- Your main task will be to perform Laser process development for our customers in diverse fields of applications: mainly welding, but also cutting, drilling or surface structuring with various types of laser sources (from CW fiber laser to ultrafast laser sources)
- You will be responsible of your trials from A to Z: design of handling when required, CAD drawing and programming, CNC machine programming and optimisation in order to get the best quality and precision, development of the laser process itself, quality control, reporting and following up with customers
- Doing so you will have regular customers contact in various industries (Swiss watch, medical devices, aerospace or industrial diamonds...)
- Host customer visits and communicate directly with customers regarding application and technology; you will mentor customers on process and product details and strengthen their relationship with C4L
- Travel to customer's in order to optimize process on-site and provide customer training.
- Act as an internal consultant on materials science related to laser processing
- Take part in laboratory equipment-need reviews, bringing recommendations and feedback to the attention of the team management
- Maintain laboratory areas in excellent working condition and insure assigned laboratory and ancillary equipment is maintained according to manufacturer's recommendations
- You will travel to trade shows and to participate in conferences or write articles for trade journals and conferences, if required and as applicable
- Your office will be located in Lyss (Between Berne, Bienne and Neuchâtel)

EDUCATION & EXPERIENCE

- Bachelor's or Master's degree in engineering, materials science or related field
- At least 5 years' experience in the mechanical engineering / micro machining field.
- Experience in laser processing, welding, and materials science is an asset
- You have experience working with CNC and CAD software (2D and 3D)

- Natural curiosity towards new innovations and technologies
- Strong problem solving skills are essential
- You demonstrate sound judgment with strong attention to detail and good organizational skills
- You have ability to prioritize and focus in a dynamic team oriented environment
- You work assiduously and with high precision
- You are a team player, still able to work independently
- Excellent verbal and written communication skills
- Microsoft Office; Word, Outlook, Excel, and PowerPoint

- You are ready to take on project responsibilities
- You like challenges and diversity in your tasks and you are highly motivated
- You are prepared to travel (inter)national
- You speak German or/and English

CLASS 4 LASER OFFERS YOU

- A young and dynamic company and supportive team
- Opportunities to learn about new machining ways (laser) and fields of applications
- Flexible working hours
- Very diversified tasks and markets
- Possibilities of traveling
- Responsibilities and advancement opportunities
- A salary in accordance with your competences and the local standard
- More than enough Swiss chocolate

IF THIS APPLIES TO YOU, CONTACT US!

Duration: Permanent Contract

Salary: to be discussed

Start: As Soon as Possible

CONTACTS:

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