

BRING IT!

Your excitement. Your knowledge. Your imagination. Your ambition.
Your vision for finding the solutions that will help make a better world.

Automotive Fuel Cell Cooperation (AFCC) -- a joint venture between Daimler, Ford Motor Company and Ballard Power Systems -- is developing next-generation technology for zero-emission automobiles. Today, AFCC fuel cell technology powers more than 150 zero-emission vehicles and counting. Our work is about empowering the world to be sustainable; our workplace is about empowering our people to make that happen.

Based in Metro Vancouver, (Burnaby) we enjoy the best of living and working in this beautiful region while we work to protect it.

The Product Development team of AFCC is recruiting an **Intermediate / Senior Unit Cell Engineer** to assist with projects in the Unit Cell Department which oversees development & design of the active repeating components of the fuel cell module. The primary role of this position is to support AFCC in transferring our seal technology and design to our manufacturing partner, MBFC, for the commissioning of the series production line.

Primary Responsibilities of Position:

- Work closely with engineers, technicians and designers within the team and take responsibility for a variety of projects including, developing future design concepts, verification and testing of existing designs, and troubleshooting of failure modes for mature designs.

Qualifications:

- Mechanical Engineering degree (BASc or MASc) or similar,
- 5 – 10 years related experience in product development and experience working in fuel cell development environment would be an asset,
- Professional Engineer or be eligible to be registered with APEGBC,
- Strong understanding of Stress/Strain analysis, Heat Transfer, Fluid mechanic and Thermodynamics,
- Ability to apply engineering fundamentals in fluid mechanics, thermodynamics and strength of materials in developing design solutions that are practical, robust and manufactureable.
- Modeling and simulation of designs using FEA, CFD or through Design of Experiments towards developing design ideas and concepts.
- Knowledge of quality systems, and robustness engineering processes (DFMEA, PFMEA, SPC, 6 Sigma) and/or experience in a manufacturing environment is considered an asset.
- A mature outlook with strong people skills to integrate seamlessly within a energetic diverse group of professionals.
- Above all clear, concise communication skills with the ability to brainstorm, collaborate, evaluate and present ideas for critical review within a close knit, supportive and creative team environment.
- Strong relationship/interpersonal skills and ability to work effectively in a team environment,
- Ability to handle multiple tasks with the ability to work effectively in a team environment,
- Excellent verbal, written communication and interpersonal skills,
- Experience with modeling CAD packages (Pro-E, Catia) would be an asset,
- Experience with Finite Element and stress analysis and computation fluid dynamics (CFD) would be an asset,



Our talented team is driven to developing ground-breaking technology for zero-emission automotive power trains. We turn challenges into solutions in a team-focused, results-driven work environment where we take our creativity and vision far, to achieve excellence. This is the place to be for the zero-emission revolution—we will be able to tell the next generations, “We were there.”

To apply for this exciting position, please go to our website: <http://WWW.afcc-auto.com> and click on Hot Jobs or click directly at:

http://tbe.taleo.net/NA6/ats/careers/requisition.jsp;jsessionid=3A04A132E545A75D76BF36D290A8E600.NA6_primary_jvm?org=AFCCAUTO&cws=1&rid=129

The position is a 6 month minimum contract starting immediately with access to full time employment opportunities available within the company.

AFCC welcomes diversity and encourages applications from all qualified candidates. We thank interested candidates, however, only those selected for an interview will be contacted.