

Electronic Engineering Technologist

Rise to the challenge... International Water-Guard Industries Inc. (IWG) is the dominant supplier of on-board water treatment equipment to the corporate jet market, and is poised to be a leading supplier of on-board water systems to the aviation industry as a whole.

This full-time position will best suit a BCIT Electronics Engineering Technology graduate with the Computer Control Option. If you have solid theoretical design skills and also enjoy the hands-on aspect of projects, this is an excellent opportunity to learn the fundamentals of world class product development

Responsibilities

Reporting to the Product Design Manager, and working closely with Engineering/Product Development staff, the position involves controller hardware design and development of associated real-time control software. Solid electronic fundamentals are essential and complementary mechanical knowledge and prototyping skills are preferred. This position is a key element in the expansion of our engineering team, aimed at accelerating our product development strategy to provide the most advanced aircraft potable water systems available.

Requirements

Proven experience in:

- C and Assembler programming within a microcontroller development environment
- Microcontroller based embedded system design.
- Power Supply design.
- Analog circuit design
- Basic filter design.
- Basic PCB layout.
- Hands-on prototyping skills

Additional Assets

- Solid soldering skills.
- Familiarity with AVR-based microcontrollers.
- Solid mechanical aptitude.

The successful candidate will be a flexible self-starter with confident verbal and written communications skills in English.

If this advertisement describes you, please forward your resume and a cover letter to:

Gerald Eiers
Vice President & General Manager
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INTERNATIONAL
Water-Guard

IWG is committed to the principle of equal opportunity in employment.

We thank all applicants, but only those candidates selected for interviews will be contacted. No phone calls or agency solicitations will be accepted.