

## Aerospace Systems Engineer

*Rise to the challenge...* International Water-Guard Industries Inc. (IWG) is the dominant supplier of flight qualified water treatment equipment to the corporate jet market, and the developer of the patented aircraft circulating potable water system. IWG is seeking an experienced aerospace professional with strong systems engineering experience. This Systems Engineer will;

Report to the Vice President of Engineering and be a key member of the engineering team responsible for .....

Definition of aircraft water system architectures and system level design, incorporating input from other members of the Engineering and Sales/Marketing teams.

Participating in the definition of project scope, deliverables, budgets and schedules for each project. A significant part of this role will require interaction with customers and the ability to help build and fully understand the business case for new projects.

Performing hydraulic analysis and other evaluations of aircraft water systems and components to identify optimum performance configurations for the selected applications

Definition of tests required to verify performance of new equipment or proposed systems, and provide hands-on support and direction during testing.

Searching continuously for new technologies that are applicable to aviation water systems and present new ideas that may arise from daily activities

The Systems Engineer will assist the Project manager in driving projects to completion by helping ensure effective delivery and approval of deliverables, identifying risk issues and developing mitigation plans.

This person will be a team player who has a demonstrated strong mechanical engineering skills and a track record of delivering projects on time, and on budget.

### REQUIREMENTS

The Systems Engineer must have an undergraduate degree in engineering, preferably mechanical, and candidates with additional training in aircraft systems design and certification will be given priority.

Candidate must have sound mechanical engineering knowledge, particularly for fluid systems, mechanical device design, and system level analysis. Experience in new product development is beneficial.

- A solid background or training in Aviation STC (certification) process is desired.
- Experience and sound knowledge of testing methodology will be given preference
- The candidate must have a hands-on approach to solving problems.

### Previous Work Experience

The Systems Engineer will have a minimum of 5 years of experience in the Aerospace Industry, with 3 or more years of direct experience, ideally in small fast-growing companies.

**If this advertisement describes you, please forward your resume along with a cover letter to:**

Gerald Eiers  
VP & General Manager  
International Water-Guard Industries Inc.  
Unit One - 3771 North Fraser Way.  
Burnaby, BC V5J 5G5  
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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