



Xogen Technologies Inc. is a Canadian CleanTech company providing industry and government with innovative wastewater treatment solutions worldwide. We are committed to building the strongest team possible - one that consists of high performers who thrive in a dynamic environment. Individuals who are driven by challenge and have a passion for excellence, combined with the right skills to support the company's growth objectives.

Systems Design Engineer

This is a diversified position that will assist the company in the development of its technology from laboratory scale to commercialization. The successful candidate will be responsible for selecting, modifying and controlling the electrical requirements for the technology under development.

Key Responsibilities:

- Test plan design, execution and documentation
- Circuit design, layout and programming
- Liaison with other research groups and product integrators
- Some traveling may be required
- Work closely with our partner, a major University in Ontario, Department of Electrical Engineering, to transfer knowledge to commercial solutions in power systems as applied to wastewater treatment

Qualifications:

- Minimum 4 Year Electrical Engineering degree (Master's degree preferable)
- P.Eng in province of Ontario, or qualifications to achieve registration within one year
- 5-10 years industry experience including 3 years in circuit design
- Practical, hands on experience in Power Electronics
- Ability to develop and present clear functional product specifications
- Self-starter, independent worker
- Strong communication skills, including verbal, written and presentation
- Strong organizational and analytical skills
- Canadian citizenship preferable

Desired knowledge/experience in:

- Power supply design
- Circuit topology selection, controller design, logic implementation, printed circuit board design and layout packages
- Mechanical design packages (Solid Works, etc...)
- Electrical and Electronic systems design experience
- Electrochemical/Electrochemistry experience preferable
- Altium Designer
- Labview
- Microsoft Excel macros (visual basic)
- Familiarity with Microsoft Office Suite of Applications
- Knowledge/Experience of water and wastewater treatment would be an asset

Please forward your resume and salary expectations to careers@xogen.ca or fax to 519-941-9502 attention: Human Resources. We thank all applicants but only those considered for interview will be contacted.