



Durisol Ltd.
45 Frid Street, Suite 1
Hamilton, ON
Canada L8P 4M3

Tel: 905-521-0999
Fax: 905-521-8658

info@durisol.com

Senior Design Engineer – Hamilton, ON

The Durisol Noise Barrier Systems is the market leader in the noise barrier and retaining wall industry, providing the design and supply of various proprietary noise and retaining wall systems. Our company works as a sub-contractor/material supplier on MTO, DOT, and privately owned projects. We perform all duties associated with our jobs, including sales, marketing, engineering/design, supply, and construction support. Durisol is currently seeking a full-time Senior Design Engineer P.Eng. in our Hamilton, Ontario location. This is a hybrid role.

Purpose

Reporting to the Director of Engineering & Design, the successful candidate will be pivotal in leading design verification efforts to ensure product functionality and reliability.

In this position, you will be primarily responsible for developing and executing plans and strategies to meet product requirements and ensure the seamless integration of designs.

The successful Senior Design Engineer candidate must be a licensed Professional Engineer (P.Eng) in good standing with the Professional Engineers Ontario (PEO).

Job Requirements

- Perform and lead research and development efforts on new and existing products.
- Utilize predetermined methods to perform the structural design and analysis of various products, from preliminary to final stages.
- Design of various foundation systems as well as retaining wall systems
- Provide sketches for CAD designers and review CAD drawings.
- Perform engineering calculations and assessments for structures compiled of various materials.
- Provide guidance and feedback to other design engineers and engineers-in-training.
- Utilize in-depth knowledge to assist with urgent site issues requiring immediate turnaround.
- Visualize and create the necessary details about the development of design plans and shop drawings for various products.
- Prepare construction specifications.
- Prepare technical reports and calculation packages.
- Conduct inspections of project sites and prepare detailed reports.
- Liaise with customers during design and construction.
- Other duties as assigned.

Education/Skills/Experience

- Bachelor's degree in engineering with emphasis in structural design is required
- Minimum ten years' relevant experience in engineering and design.
- Possession of a Professional Engineering designation in a Canadian Province or Territory is required.

- Thorough understanding of geotechnical design (deep foundations, retaining walls).
- Proven track record of practical field or site experience to address site-specific challenges and engineering complexities.
- Ability to swiftly identify, analyze, and implement effective solutions for unforeseen site conditions, ensuring timely and accurate responses to maintain project progress and safety standards.
- Working knowledge of AutoCAD software is required.
- Experience in reading and interpreting geotechnical reports.
- MTO and/or DOT experience, as well as working knowledge of relevant design codes, CHBDC, AASHTO and AREMA is considered an asset.
- Excellent verbal and interpersonal communication skills.
- Ability to follow instructions and take the initiative within predetermined guidelines.
- Proficient in Microsoft Office Suite.
- Ability to work in collaboration with other personnel in various departments within the company.
- Ability to communicate with other technical/construction personnel outside the company.
- Strong organizational skills, including effective management of multiple and conflicting priorities.

Working Conditions

- Office environment with standard working hours.
- Occasional overtime may be required to meet deadlines or support executive activities.
- Occasional travel to work sites to oversee project progress.
- Interaction with a diverse group of individuals, both internal and external to the organization.
- Ability to sit for extended periods while working on a computer.
- Use of Personal Protection Equipment may be required (e.g. hard-hat, safety boots, etc.).

What Durisol Can Offer

- Join a dynamic, forward-thinking, growing team of professional engineers, designers, and drafters with an opportunity to develop your career. We provide employees with a wide range of growth opportunities and training programs to build their skills and pursue their career paths. In addition, we can offer a full range of benefits, including Health, Dental, Vision, and RRSP Matching, flexible working hours and a commitment to individual safety.
- If this role sounds like you, please submit your resume. We thank you for your submission and will contact you if we need further information or if we wish to progress to the interview.
- We believe in equal opportunity in employment practices without discrimination and comply with all laws regarding human rights in the province of Ontario.

Durisol Ltd. is committed to meeting the accessibility needs of people with disabilities in an effective and timely manner in accordance with the applicable standards set out in the Accessibility for Ontarians with Disabilities Act, 2005 (AODA), the provisions of the Ontario Human Rights Code, and any other applicable legislation. We foster an inclusive organizational culture as an Equal Opportunity Employer.

If you're interested in this exciting career opportunity, please email your resume to Kim Greenland at kgreenland@ekhois.com by Monday, December 16, 2024.
