

## Civil Design Engineer – Hamilton, ON

**The Durisol Noise Barrier Systems** is the market leader in the noise barrier and retaining wall industry. The company provides the design and supply of materials for proprietary noise and retaining wall systems – including Durisol precast absorptive noise barrier panels, transparent noise barriers, Soundstop sheets, fire-rated barriers, narrow footprint retaining walls and DARWS – proprietary MSE retaining walls. 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, civil engineering/design, supply, and construction support. We are currently looking for a Civil Design Engineer in our Hamilton, Ontario location.

### Job Description

We are seeking an advanced intermediate Engineer to join our team. The successful Civil Design Engineer candidate must hold a Bachelor of Science degree in Civil Engineering with course work in geotechnical and structural related studies. Possession of a Professional Engineering designation in a Canadian Province or Territory is required and specific industry knowledge is preferred. Working knowledge of AutoCAD is considered as an asset.

### Job Requirements

- Utilize predetermined methods to perform the structural design and analysis of various products, from preliminary to final stages.
- Utilize information supplied by the owner/consultant to develop the design/details.
- Visualize and create the necessary details pertinent to the development of design plans and shop drawings for various products. Provide sketches as required for CAD designers.
- Prepare construction specifications.
- Prepare technical reports and calculation packages.
- Perform complex structural engineering tasks efficiently and accurately.
- Provide quality control of all design and drafting work associated with assigned projects.
- Collaborate with senior engineers to increase industry specific knowledge base
- Other duties as assigned.

### Education/Skills/Experience

- Minimum of a Bachelor of Science Degree in Civil, Structural or Geotechnical Engineering from an accredited post secondary institution is required.
- Minimum 5 years' relevant experience in engineering and design.
- Possession of a Professional Engineering designation in a Canadian Province or Territory is required.
- Working knowledge of laterally loaded deep foundation design is highly desired.
- Experience in reading and interpreting geotechnical reports is highly desired.
- Experience with LPile or similar deep foundation analysis software is considered an asset.
- Experience in MSE retaining walls design is considered an asset.
- MTO and/or DOT experience is considered an asset.
- Working knowledge of relevant design codes, CHBDC, AASHTO and AREMA is considered an asset.

- Working knowledge of AutoCAD and Asana software
- Excellent verbal and interpersonal communication skills.
- Ability to follow instructions and take 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 and demonstrated ability to meet deadlines.

Durisol is a multicultural organization. Our diverse workforce is key to our success. We offer an opportunity to shape your future because your professional development is ours. We are a client focused organization and offer competitive salary packages based on qualifications, skills and experience.

Please send resume to [hr@durisol.com](mailto:hr@durisol.com) & [boris.karanfilovski@durisol.com](mailto:boris.karanfilovski@durisol.com)