

GHD

PLEASE READ THE JOB DESCRIPTION, AND THE PRE-EVENT VIDEO INTRODUCTION QUESTIONS BELOW BEFORE PAYING FOR YOUR VIDEO PROCESSING FEE

Acoustical Engineer

GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation.

Privately owned by our people, GHD provides engineering, architecture, environmental and construction services to private and public sector clients across five continents. Focused on creating lasting community benefit, our connected global network of 10,000 people deliver projects with high standards of safety, quality and ethics.

We are seeking an Acoustical Engineer to join our growing Ontario Noise Group, to be based in our Waterloo, ON office. We are looking for an individual with experience in environmental and/or indoor acoustics. This is an exciting opportunity with a mix of field and office work.

Responsibilities include:

- Coordinate and implement field work to conduct noise measurements
- Evaluation of ambient background sound levels
- Conduct noise modeling using Cadna A and STAMSON software
- Architectural acoustics and noise/vibration control engineering within buildings to comply with relevant agency and government requirements.
- Assist with building component acoustic design and measure sound transmission
- Preparation of Acoustic Assessment Reports and Acoustic Audits
- Assist with the design of noise abatement such as silencers, barriers and wall treatment
- Aid senior staff with technical research

Skills, Competencies and Qualifications:

- Bachelors of Engineering
- 3 to 10 years of work experience preferred, however not a firm requirement
- Experience and understanding of any of the following noise guidelines would be an asset:
 - Ministry of the Environment and Climate Change NPC-300
 - Ministry of the Environment and Climate Change D Series Land Use Compatibility Guidelines
 - Tarion Builder Bulletin 19 building acoustic design requirements,
 - Ministry of Transportation noise assessment requirements
 - Railroad industry noise and vibration assessment requirements
 - Municipal land development noise requirements
- Ability to prepare coherent proposals in plain language addressing client requirements
- Works well independently as well as a part of a team
- Willingness to travel/work on-site independently completing field work
- No aversions to heights
- Ability to work in high noise areas
- Written and verbal communication skills are essential to this position. Strong emphasis will be placed on your ability to communicate well with others and engage in technical conversations

We offer a professional working environment and culture and believe that work / life balance is critical to the success and happiness of our people. We also offer competitive salary packages based on qualifications, skills and experience.

As a multicultural organization, we encourage individual achievement and recognize the strength of a diverse workforce. GHD is an equal opportunity employer. Upon request, GHD will provide reasonable accommodation for applicants with disabilities throughout the recruitment and selection process.

PRE-EVENT VIDEO INTRODUCTION QUESTIONS:

- 1) Please briefly introduce yourself and explain why you are passionate about your area of interest?
- 2) What relatable experience makes you a good fit for this role?

- 3) Please outline why you want to join GHD and why you feel you fit well with our organization

If you meet the requirements and your skills are a good match, then proceed to register and pay for your video processing fee.

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