

job description

This is an exciting opportunity for a motivated and self-starting engineering technologist/technician to establish him/herself with one of the Country's prominent engineering firms in acoustics, noise control and vibration. The successful candidate will **participate in sound and vibration measurements on projects related to architectural acoustics, building and ground vibration, environmental noise and acoustic performance verification.**

The position will require the chosen candidate to be a quick learner and to have a fundamental understanding of instrumentation design and operation. As noted, training will be provided in the practical and theoretical aspects of FFT Analysis, real time frequency filtering, as well as basic concepts of sound and vibration theory. The successful applicant will show initiative in conducting projects and meeting with clients to discuss project work plans and related technical issues. In addition, the position may evolve into proposal and report writing and business development.

Other job responsibilities will include:

- Performing data analyses
- Writing program routines for data analysis
- Assisting staff and senior engineers on studies that deal with noise and vibration control, architectural acoustics, environmental noise, HVAC systems noise and vibration control
- Writing reports
- Conducting site inspections of new constructions and verifying in situ acoustic performance of details and/or hardware
- Develop custom solutions/equipment as needed
- Maintain lab and equipment

Salary will be commensurate with experience, and will be **competitive with typical salaries.**

credentials + experience

- College or university degree in electrical or audio engineering technology or equivalent.
- Eligible to obtain or currently has a CET designation
- Thorough knowledge of Excel and Word
- Experience with sound level meters, analyzers, speaker design, acoustic software would be considered assets
- Experience with SMAART, EASE or other acoustic prediction software.
- Experience with digital systems and signal analysis

If interested, please forward a current **CV to aercoustics@aercoustics.com**