



## Senior Vibration Consultant – Specialty Vibration – All Offices

### Background

The Sextant Group, Inc. is a national independent consulting firm offering planning, design and consulting services in a wide range of specialty areas including: audiovisual, IT/telecommunications, building security, specialty lighting, medical equipment, and architectural acoustics/noise vibration.

The Sextant Group will be interviewing qualified candidates for a senior position on our acoustic and vibration consulting team based at any of our office locations.

### Job Description

The Senior Vibration Consultant will act as a leading building vibration expert in The Sextant Group's architectural acoustics practice. That team is a close-knit group of dynamic, hard-working, and well-qualified acousticians who seek to deliver best-in-class solutions to our clients using state of the art tools, a healthy appetite for technical exploration, and a commitment to excellent client communications.

The position will require the candidate to act as the primary vibration consultant and technical lead on a variety of national and regional projects including hospitals, engineering buildings, classrooms, lecture halls, healthcare facilities, courthouses, industrial plants, auditoriums, theatres, media production facilities, and broadcast studios. The consultant must develop, present, and manage solutions related to ground-borne and structure-borne vibration impacting the build environment. In particular, they will develop solutions to control vibration from building equipment, occupant activities, athletic facilities, parking garages, and nearby transportation sources, etc. for occupant comfort and vibration sensitive occupancies, such as hospitals, imaging suites, laboratories, and data centers. As necessary, the consultant will create CAD drawings, prepare reports, use modeling software, and perform on-site vibration testing to support their design work. The senior consultant will act as a mentor to staff and act as the technical lead on their projects. The position requires the candidate to actively participate in several concurrent projects while efficiently delivering accurate, thorough, and high-quality work to our clients.

### Responsibilities

- ✦ Act as a technical and design lead for a variety of projects.
- ✦ Mentor staff by supporting them in their efforts to complete project work and meet career development goals.
- ✦ Key contributor within a project design team, bringing a creative, collaborative, evidence-based approach to building vibration control
- ✦ Collaborate with architectural team members and clients
- ✦ Develop high-quality design reports, drawings, details, cost analyses, and specification documents
- ✦ Review submittals of shop drawings
- ✦ Perform on-site inspections to review the implementation of a project's vibration control solutions
- ✦ Overnight travel to attend project meetings, site visits, and perform onsite vibration testing
- ✦ Ensure that all work is completed on-time, in-budget, and consistently within The Sextant Group's high standards of quality
- ✦ Perform additional duties as assigned

### Position Requirements

- ✦ Applicants should have a minimum of 10 years' experience as a consultant in building vibration or a related field
- ✦ Bachelor's degree in mechanical engineering, architectural engineering, or physics including relevant classes or a degree concentration in acoustics or vibration is required. Master's degree in noise and/or vibration control preferred.
- ✦ Excellent attention to detail
- ✦ Outstanding oral and written communication skills

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- ✦ Values that include integrity, responsibility, and accountability
- ✦ Works equally well as an individual contributor or team member
- ✦ Maintains a professional and positive attitude in a fast paced and occasionally high-pressure environment
- ✦ Expertise in AutoCAD ADT 2010 or later and proficiency in Microsoft Office 2007 or later, including Word, Excel & Outlook
- ✦ Experience with Revit / BIM, and Sketch-Up are highly desirable but not required

All candidates must be driven to satisfy the needs of end users and have the ability to deliver high caliber end results in a timely manner while operating without direct supervision. Some overnight travel may be required. Compensation offered is commensurate with experience, and includes excellent benefits package with medical, dental, long term disability, 401K. EOE

All interested candidates should send resume, cover letter and salary requirements in a single PDF file to [HR@thesextantgroup.com](mailto:HR@thesextantgroup.com), with the email subject line "Senior Vibration Consultant – (Candidate Name)". No calls please.

The Sextant Group, Inc.

[www.thesextantgroup.com](http://www.thesextantgroup.com)

Send resumes to: [hr@thesextantgroup.com](mailto:hr@thesextantgroup.com)

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