



**VANGUARD**

CONSTRUCTION SOLUTIONS

**Construction Monitoring Specialists**

**VanguardNewYork.com**

# Providing Seismograph Sales & Monitoring Services to the Construction Industry.



We are a vibration monitoring consulting firm specializing in providing our clients with an added level of protection against unsubstantiated litigation through a variety of monitoring services.

These services provide the safeguard of alerting you to potential causes of concern before they have the opportunity to fully develop, as well as describing the impact to the surrounding structures.

Our monitoring services can help protect you against the potentially damaging effects of construction vibration and the perceived damages they cause.

## **We provide monitoring services for the following types of projects and more:**

- **Corporate & Commercial**
- **Science & Research**
- **Healthcare**
- **Convention Centers**
- **Worship**
- **Athletics**
- **Residential**
- **Environmental, Industrial & Energy**
- **Rail & Highway**



## Our Services

### Vibration Monitoring

We provide both remote and on-site vibration monitoring services. Vibration monitoring is necessary and often required by many city, state and federal regulations during the pre-construction and construction phases of projects.

### Seismograph Sales

We are a leading provider of seismographs for sale specifically for the construction industry. Vibration analysis is critical to any project, whether the vibration source is blasting, pile driving, heavy construction equipment or another man-made activity; our seismographs can do the job.

### Pre-construction Survey

A pre-construction survey is highly recommended prior to any construction activity. The survey documents the condition of properties neighboring your construction activity through visual observations, photographs, notes, and other diagnostic devices.

### MTA Tunnel Inspection & Tunnel Monitoring

If a subway tunnel is located within 75' of the influence zone of your construction project, the MTA requires a tunnel inspection, vibration monitoring and in some cases, Crack Gauge Monitoring and Horizontal and Vertical Control.

### Existing Crack Monitoring

Before your construction project commences, it is highly recommended that you locate all existing cracks in a pre-construction survey of neighboring buildings to prevent undue litigation.

### Horizontal & Vertical Control Surveys

We work with our client during the construction planning phases to ensure all parties understand and agree upon the requirements for horizontal and vertical control datum. This reduces the likelihood of datum mismatch, that can be extremely costly for any project.

### Environmental Noise Monitoring

A sound monitoring plan will help build a better relationship with the surrounding community and agencies to prevent costly delays or penalties during your construction project. Complaints typically arise when the community has no clear understanding of the extent or duration of the construction.

### Dust Monitoring

We provide dust monitoring for the most sensitive projects in New York City as well as in quiet communities in New York State, New Jersey, Connecticut and Massachusetts. We understand that adjacent tenants and building owners will need reassurance that dust levels will be monitored according to local regulations.

For more information about buying  
seismograph equipment visit  
**[www.VanguardNewYork.com](http://www.VanguardNewYork.com)**  
or call **845-803-0295**



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Because of our unique business structure, no project is too large or too small for Vanguard. Ingenuity and an eye for recognizing potential issues before they arise make Vanguard the obvious choice for your project.

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