

**RWDI provides field measurements to support compliance reporting, performance guarantees, or customized computer modeling. We have the experience and expertise to safely conduct testing even in the most challenging conditions. We design on-site monitoring and measurement programs that are cost-effective and practical. Our programs yield valid results with the appropriate amount of effort.**

We design, build, install, operate and maintain all types of measurement and monitoring systems. We provide both the instrumentation and manpower to deliver data that best meets your needs.

Our highly trained staff perform a range of on-site services, including (among many others) air or noise emission testing, ambient air quality surveys, vibration testing, and monitoring of worker exposure levels. We also build and install entire meteorological stations and train local staff to operate them.

We own and operate an extensive selection of equipment, so we're prepared to implement testing programs at any scale. Access to this full spectrum of tools, from simple to advanced, allows us to tailor our resources to meet clients' specific needs.

Each of our monitoring and measurements capabilities can be provided as a standalone service. However, they are often integrated into broader projects focused on assessment or mitigation.

If we are developing a further analysis, we couple our field measurements with modeling results. This combination gives us a calibration toolkit customized to your project. With this toolkit, we can improve how we use our models to predict the impact of the activities and processes you have asked us to study.

We also combine expertise in measurement and modeling with deep knowledge of industrial processes. This means we choose measurements and recommend strategies that are correct, reliable and practical for your operational context.

## Services

- Meteorology
- Ambient air quality
- Indoor air quality
- Source (stack) testing
- Odor
- Wind-blown dust
- Noise and vibration
- Geoscience testing
- Occupational hygiene

## STATEMENT OF QUALIFICATIONS



**RWDI is a valuable partner when you seek to...**

### Explore Innovations

- **Customize monitoring programs for site-specific processes, real-time weather conditions, and technically challenging field conditions**
- **Design for climate resiliency**

### Create Opportunities

- **Demarcate sensitive areas so changes can be targeted for most impact**
- **Manage costs by correctly sizing pollution control equipment based on measured values**
- **Focus mitigation efforts on critical operations by using tailored measurements based on process knowledge**

### Meet Challenges

- **Mitigate air quality, noise and vibration concerns through engineering or operational solutions**
- **Diagnose large and complex environments**

### Fulfill Expectations

- **Demonstrate regulatory compliance through a reliable, practical measurement program**
- **Generate accurate input data for other assessments**
- **Generate more realistic predictions of impacts by combining site measurements with modeling and climate forecasting**