Clean Air Act compliance for your natural gas processing facility is mandatory. TRC’s air measurements group performs emission testing at natural gas compression, treating, and processing facilities to meet Federal and State requirements. Our services include:

- Compressor Engine Testing
- Turbine Testing
- Process and Emergency Flare Testing
- Maximum Achievable Control Technology (MACT) Testing
- New Source Performance Standard (NSPS) Testing
- Continuous Emission Monitor (CEM) Performance Audits
- Predictive Emission Monitor (PEM) Modeling and Performance Audits
- Relative Accuracy Test Audits (RATA)
- Performance Optimization Testing
- Catalyst Performance Testing
- Vapor Recovery Unit and Thermal Oxidizer Testing
- Ambient Monitoring

In addition to criteria pollutants, TRC can provide testing for most hazardous air pollutants (HAPS) and speciated volatile organic compounds (VOC) using published EPA, ASTM, NIOSH and NCASI test methodologies. Our mobile laboratories can be equipped with Fourier transform infrared (FTIR) spectrometers and gas chromatographs (GC) to provide testing for specific analytes such as formaldehyde or benzene, toluene, ethylbenzene, and xylenes (BTEX). TRC has extensive experience with all EPA regions and most state regulatory agencies. TRC has successfully completed test programs in all 48 states in the lower United States as well as on offshore platforms, onboard ship, in Europe, Asia, and South America.
About TRC’s Air Measurement Services

A pioneer in groundbreaking scientific and engineering developments since the 1960s, TRC is a national engineering, consulting and construction management firm providing integrated services to the power, oil and gas, environmental and infrastructure markets. We serve a broad range of clients in government and industry, implementing complex projects from initial concept to operations. TRC delivers results that enable clients to achieve success in a complex and changing world.

TRC includes over 4,000 technical professionals and support personnel in more than 120 offices throughout the U.S. Our clients depend on TRC’s multidisciplinary teams to design solutions to their toughest business challenges.

TRC is one of the world’s largest providers of air measurement services. Our offerings include source testing for routine regulatory compliance, engineering studies, control device evaluations, MACT demonstrations, relative accuracy test audits (RATAs), and trial burns; ambient air monitoring; temporary continuous emissions monitoring systems (CEMS); and advanced testing instrumentation such as FTIR and GC. With more than 200 air quality scientists and engineers operating from a network of 18 offices, TRC’s Air Measurement Services (AMS) practice offers unparalleled breadth and depth of emission testing capabilities within a day’s drive of more than 90% of the emission sources in the US.

AMS Office Locations:
- Birmingham, AL
- Concord, CA
- Costa Mesa, CA
- Rancho Cordova, CA
- Golden, CO
- Windsor, CT
- Gainesville, FL
- Tampa, FL
- Chicago, IL
- Lowell, MA
- S. Portland, ME
- Eagan, MN
- Raleigh, NC
- Bismarck, ND
- Albuquerque, NM
- Austin, TX
- Houston, TX
- Woodinville, WA

Regulatory Applications/Test Specialties

Regulatory Applications
- 40 CFR 60, Subpart JJJJ (SI RICE)
- 40 CFR 60, Subpart IIII (CI)
- 40 CFR 60, Subpart KKKK (NSPS Turbines)
- 40 CFR 60, Subpart GG (NSPS Turbines)
- 40 CFR 60, Appendix B (CEMS)
- 40 CFR 60.8 (Process and Emergency Flares)
- 40 CFR 63, Subpart ZZZZ (RICE MACT)

Test Specialties
- On site Gas Chromatography
  - Speciated VOC
  - Methane/Ethane quantification
  - Speciated Sulfur compounds
- On site FTIR
  - Speciated VOC
  - Formaldehyde, other aldehydes
- Full wet chemistry capability
  - Sulfur compounds
  - Acrolein
  - Formaldehyde
  - Hydrogen Sulfide

Why TRC:
- For more than 30 years, TRC’s air measurements team have been experts in compression emission services.
- We excel in constructing creative options to find the optimal solution for our clients.
- We are dedicated to helping our clients reach their ultimate goals.