

CEMS Solutions

Customized Engineered Solutions

Our Expertise

Vector CAG is your analyzer technology partner for any size project. We deliver economical fit-for-purpose solutions that meet your process and regulatory compliancy. We work with your team as a technology partner from concept and engineering design through assembly and startup. We can even provide an ongoing maintenance contract to ensure life cycle management and regulatory compliance.

Continuous Emissions Monitoring System Partner

Vector's Continuous Emissions Monitoring System (CEMS) is the complete solution to comply with EPA requirements. At our Pearland campus, the engineered package is designed and integrated to meet regulatory permits.



- **Cool-Dry Extractive Systems:** Sample is kept hot from the extraction point to the sample chiller inside the analyzer shelter/enclosure where the moisture is removed, the dry sample is analyzed.
- **Hot-Wet Extractive Systems:** Sample is kept hot, above all dew points, from sample tap to return. All sample components and analyzer(s) are kept hot to prevent condensation.
- **We can design systems to handle:**
 - ▶ High dew point streams
 - ▶ High particulate streams
 - ▶ High temperature streams
 - ▶ Corrosive streams





Integration Shop Capabilities

Vector CAG's 22,000 sq. ft. state of the art integration shop ensures efficiency. Our strategic procurement leverages best-in-class manufacturing partners to minimize costs and meet critical lead times, with dedicated specialists ensuring seamless delivery schedules and expedited materials.

Vector CAG's QA/QC program, which is TDLR certified, guarantees quality at every stage. We conduct Pre-FAT before customer FAT, testing entire systems per required specs. Additionally, we provide gas blends to challenge analyzer and sample systems, ensuring accuracy and reliability.

- Turnkey solutions
- Design, engineer, build, install, commission, service
- Work with any combination of analyzer manufacturers
- Built to local building codes and standards
- Continued long-term support



What Makes Vector Different?

- Turnkey solutions
- Provide a Best in Class integrated product
- Design, engineer, build, install, commission, service
- Work with any combination of analyzer manufacturers
- Meets area classification
- Built to local building codes and standards
- Design engineering available
- Continued long-term support



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