

Environmental Services



Emission Testing, also known as stack testing, source testing or compliance testing, is conducted on a regular interval as required by the local jurisdiction or air regulatory agency. AEREON has become quite competent and efficient in the preparation of the test protocols and often negotiating with the EPA and state agencies on your behalf to achieve more reasonable testing requirements.

The success of the emissions testing program is based upon the experience of the field crew, the knowledge of the regulations and protocols, and the quality/quantity of the equipment available to conduct the test. AEREON's testing team is comprised of several experienced testing professionals backed up by a Senior Environmental Engineer and the resources and support of the AEREON Service Group. AEREON's Testing Group is a knowledgeable team with over a thousand emissions tests completed by current employees.

Why Use AEREON?

- To ensure all your vapor control equipment is in compliance
- We have been providing Emission Testing services since the mid-1990s and have a wealth of emission testing experience.
- We have an excellent reputation with the regulatory agencies.
- Our Senior Environmental Engineer provides valuable knowledge on compliance, permitting and protocol requirements.
- We provide high quality, engineer-supervised and guaranteed valid air testing services from upstream oil and gas to downstream terminals.

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Compliance Testing

As the world’s largest service provider to the downstream terminal market, we are experts in servicing the units and are also the experts when it comes to emission testing your VRU/VCUs.

You can have peace of mind knowing that we have intimate knowledge of the unit and the support of our Service Group in the event that minor repairs or adjustments are required prior to or during the test.

Whether it’s a VCU in a downstream terminal, upstream oil and gas, wastewater or landfill application, AEREON has the knowledge and expertise to compliance test the unit.



Carbon Testing

To understand whether your Carbon Bed Vapor Recovery Units are functioning at the proper capacity, it is essential to take annual carbon bed samples and send to AEREON for analysis. AEREON will perform Reference Method ASTM D2862 (Particle Size Distribution) and Reference Method ASTM D5228 (Butane Working Capacity) on the samples.

A yearly Carbon Evaluation is strongly recommended to understand the state of your carbon beds and whether operational adjustments affecting environmental compliance are required or a replacement of the carbon beds needs to be planned.

Other Testing Services

- **CGA** – Cylinder Gas Audits are an EPA testing procedure to ensure the accuracy of Continuous Emissions Monitoring System (CEMS) data.
- **RATA** – Relative Accuracy Test Audit compares data from the facility CEMS to independent Reference Method data.
- **CEMS** – Continuous Emissions Monitoring Systems extract a sample from a stack and provide real time pollutant concentration data using gas specific CEMS.
- **LAB** – Aereon maintains an analytical laboratory where a variety of ASTM test methods are conducted for our clients.
- **CONSULTANCY** – Aereon can provide cost-saving environmental consultancy services that can help keep your facility in environmental compliance.
- **WELL SITE** – off gas evaluation and studies.