BUSINESS CHALLENGE

The demand for emission measurement has strongly increased in recent years. In view of the ever tightening requirements applicable, it is essential for a company to have reliable information available on emission of air pollutants. A power plant’s license to operate can depend on it. Since reduction of emissions to desired levels often requires considerable investment, the implementation of a reliable measurement process becomes increasingly important.

SOLUTION

What is emission measurement for power plants?
The purpose of the Bureau Veritas emission measurement service is to ensure that a power plant meets environmental compliance on gas emissions. Bureau Veritas experts use state of the art measuring equipment to perform continuous measurements of gaseous components such as oxygen, carbon dioxide, nitrogen oxides, Total Organic Carbons, carbon monoxide, sulfur dioxide, hydrogen chloride, hydrogen fluoride, dioxins, ammonia and heavy metals.

What are the key benefits?
- Independent emission monitoring and measurement.
- Verification of contractual guarantees.
- Compliance according to Government legislation.
- Investigation into efficiency of assets.
- Online monitoring.
- Transparency towards Government environmental agencies.

WHY CHOOSE BUREAU VERITAS ?

- **Recognition** - Founded in 1828, Bureau Veritas is the worldwide leader specialized in QHSE and social responsibility services. Certified to ISO 9001 for all of its activities throughout the world, Bureau Veritas actively participates within professional authorities, helping develop international standards and regulations.
- **Network** - With a network of 900 offices and laboratories and over 39,000 employees in more than 140 countries, Bureau Veritas serves 370,000 customers in many different industries across the world.
- **Expertise** - All measurements and samplings are performed by experienced technicians in line with the most recent instructions and procedures.

RELATED SERVICES

A wide offering
In addition to emission measurements for power plants, Bureau Veritas offers a wide range of related services.
- Performance measurements for power plants
- Green house gases verifications
- Water measurements
- Noise measurements
- Vibration measurements
- Gas turbine mapping
OUR APPROACH

Projects generally proceed in the following way:
- Contract signature.
- Analysis of contractual emissions levels, Government legislation.
- Setting of a measurement protocol and detailed planning of emission measurements.
- Site preparation and implementation of measuring equipment.
- Collection and storage of data.
- Analysis and reporting.

FAQ

Why would I need an emission measurement service?
- Ensure compliance with local legislation.
- Independent check against manufacturers’ specifications.
- Anticipate correction during commissioning phase.
- Create a reference value.
- Check efficiency of your equipment.

What makes Bureau Veritas stand out as a supplier?
- More than 5,000 MW tested.
- Continuously involved with a vast range of industries.
- Multi-disciplined engineers and field technicians.
- Able to perform on a large range of gaseous and solid emissions.
- Own calibrated equipment.

CLIENT REFERENCES

Bureau Veritas has earned the confidence of many significant clients on numerous major projects including:
- Barking Power, UK
- CNIM, Zabalgarbi waste-to-energy plant, Spain
- Electrabel, Cogen WKC “de Grift”, Netherlands
- Energy, Energy Uretim, Turkey
- Essent, CHP Marssteden, Netherlands
- SPE, Cogen Vandemortele, Netherlands
- Veolia, Sheffield waste-to-energy plant, UK

CONTACT

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FOR MORE INFORMATION

please visit:
- www.bureauveritas.com