



Air Quality & Emission Management

Improving air quality and your business performance

BUSINESS CHALLENGE

Air quality is emerging as a significant worldwide issue for the decades ahead. International commitments aimed at dealing with climate change are putting considerable pressure on individual countries and their industrial communities. Local authorities are asking industrial plants, which are potentially responsible for pollution, to engage in regular and accurate monitoring and to cut emissions. For plant owners and operators, the challenge is not only to contribute positively to the environment through optimizing the production process but also to comply with a growing number of regulatory obligations.

SOLUTION

What is Air Quality & Emission Management?

Bureau Veritas provides a complete range of services related to air and emissions management including air quality monitoring, emission measurements, monitoring of emissions at the end of your process, Automated Measurements System (AMS), periodic tests (QAL: Quality Assurance Level and AST: Annual Surveillance Test), third party verification, on-line follow-up of your emission reports, Greenhouse Gas (GHG) consulting and training. In line with official guidelines, Bureau Veritas can also provide verification of CO2 emissions under the EU Emissions Trading Scheme (ETS). Considered a key player, Bureau Veritas has provided technical input to the European Committee for Standardisation (CEN) for a new European standard on fugitive emissions.

What are the key benefits?

- Comply with the requirements of numerous complex legal texts;
- Assess effects of new regulations on the environmental performance of your installations;
- Have your emissions measured by recognized technical experts;
- Run your site free of problems due to a non-compliance with European law;
- A single reliable verifying body present across Europe;
- Time- and cost-efficient.

WHY CHOOSE BUREAU VERITAS ?

Recognition ■ Founded in 1828, Bureau Veritas is a worldwide leader specialized in QHSE and social responsibility services. Certified to ISO 9001 for all of its activities throughout the world, Bureau Veritas is also accredited as a Designated Operational Entity (DOE) by the UN for its Clean Development Mechanism (CDM) to validate and verify the reduction in levels of greenhouse gases in organizations that have implemented clean technology.

Knowledge and Expertise ■ Technical knowledge and availability of our qualified local teams, able to provide packaged and targeted information, are strengths appreciated by our clients.

Network ■ With a network of 700 offices and laboratories and over 26,000 employees in more than 140 countries, Bureau Veritas serves 280,000 customers in many different industries across the world.

Personalized service ■ Bureau Veritas has developed a unique online reporting management tool called BVnet. This password-secure extranet exists in English, French and Chinese and allows clients to view and download every report, follow-up scheduled visits and manage progress of findings.

RELATED SERVICES

In addition to Air Quality & Emission Management, Bureau Veritas offers a wide range of related services, including:

- Water Emissions Management
- IPPC Assistance
- EMAS and ISO 14000
- Soil & Water Management and Remediation
- Waste Management
- Environmental Due Diligence
- Environmental Impact Assessment
- HSE Management
- Occupational Hygiene
- Workplace Health & Safety
- Indoor Air Quality





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Move Forward with Confidence

OUR APPROACH

Our integrated approach brings together a comprehensive range of services to help our clients meet legislative requirements and their own internal targets. Specific services provided are:

- Air Quality Monitoring;
- Validation of Continuous Emissions measurement;
- Greenhouse Gas (GHG) Consulting.

We always begin with a thorough questionnaire about your current situation and the on-site mission. Our mission typically covers equipment deployment, stack emission measurement, report drafting, consulting to decrease or optimize emissions, and periodical follow-up.



FAQ

What is the objective of the EU Emissions Trading Scheme?

Since 1st January 2005, some 12,000 large industrial plants in the EU have been able to buy and sell permits to release carbon dioxide into the atmosphere. The so-called ETS enables companies exceeding individual CO₂ emissions targets to buy allowances from 'greener' ones. Investments in cleaner technologies can then be turned into profits while helping the EU meet its Kyoto commitments on climate change.

Which industrial sectors have verifications to perform regarding Automated Measurement Systems (AMS)?

The EN 14181 standard sets the methods to implement for the AMS' acceptance and operation. In Europe, the implementation of this standard is required by two directives (2000/76/EC and 2001/80/EC). The sites concerned are waste incineration plants and large combustion plants (boiler rooms, thermoelectric production plants).

CLIENT REFERENCES

In the area of Emission Reduction Management services, Bureau Veritas has earned the confidence of many leading companies including:

- BHP Billiton
- BP
- ChevronTexaco
- Innovene
- Interconnector
- Shell Europe
- Total

▶ CONTACT

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