

Energy Efficiency Audits

Expert independent assistance to meet energy efficiency initiatives & regulations while cutting costs

BUSINESS CHALLENGE

The Kyoto Protocol and recent government initiatives and regulations are driving increasing corporate energy consciousness in the Australasian region. As a result pressure is mounting on building owners throughout Australia & New Zealand to improve their environmental impact. Retrofitting existing buildings to be energy-efficient, and implementing tailored energy efficiency management plans can result in substantial reductions in energy consumption, costs and emission of greenhouse gases. Also, implementing professional energy efficiency management plans for buildings can help keep workplaces healthy, and improve employee satisfaction, retention and productivity.

SOLUTION

What is an EEA?

Energy Efficiency Audits (EEA's) provide clients with a prioritized list of actionable and costed recommendations that help improve the energy efficiency of their buildings. Bureau Veritas EEA auditors specialise in the assessment of client performance in all major energy consuming services of buildings (heating, ventilation, air-conditioning, process equipment, IT equipment, water distribution systems, etc ...) undertaking onsite visits, interviews, documentation analysis, physical auditing, energy data logging and assessing information from the Building Management System. All resulting Bureau Veritas EEA recommendations detail investment payback period / ROI and specify follow-up actions to ensure identified savings are actually achieved for clients.

What are the key benefits?

- Reduce energy consumption in buildings & identify cost savings;
- Minimize environmental impact;
- Reduce environmental liability;
- Improve operational efficiency;
- Compliment Corporate Social Responsibility (CSR) initiatives

WHY CHOOSE BUREAU VERITAS ?

Recognition ■ Founded in 1828, Bureau Veritas is a worldwide leader specialising in QHSE and social responsibility services. Certified to ISO 9001 for all of its activities throughout the world, Bureau Veritas has been an Energy Star program partner since 2002. Bureau Veritas actively assist professional authorities in the development and improvement of international standards and regulations.

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 850 offices and laboratories and over 34,000 employees in more than 140 countries, Bureau Veritas serves 330,000 customers from many different industries across the world.

Personalized Service ■ Bureau Veritas adapts its services to your needs and helps you identify your legal environmental obligations.



RELATED SERVICES

In addition to EEA's, Bureau Veritas offer a wide range of related services:

- Environmental Assessment & Studies
- ISO 14001 Certification
- Air Quality & Emission Management
- Workplace HSE Management
(e.g. asbestos, indoor air quality, hazardous materials, HSE training etc...)
- Greenhouse Gas Verification & Consulting



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OUR APPROACH

Bureau Veritas offer clients practical independent assistance to reduce energy consumption and expenses. Our approach involves conducting a three-stage energy audit of buildings and identification of feasible energy-saving solutions.

Stage 1 : On-site diagnosis and identification of potential areas for improvement.

Stage 2 : Feasibility studies including detailed technical, economic and environmental analysis of the solution proposed, before the investment decision is made.

Stage 3 : Follow-up assessments. Essential for large sites to validate actions undertaken, calculate savings, maintain awareness among personnel and ensure effectiveness of selected initiatives.



FAQ

Why Should My Organisation Conduct An Energy Efficiency Audit?

On top of the obvious cost benefits, there are also a number of other advantages, an EEA can compliment CSR initiatives and help to promote your organisation as a leader in the climate change challenge. An EEA can assist an organisation accurately assess its energy consumption for required triple-bottom-line (TBL) reporting, and some studies also suggest that undertaking environmental initiatives can improve staff retention, loyalty and can also significantly improve the health of your general workplace. Furthermore, governments of countries that have agreed to the Kyoto Protocol are required to introduce measures to reduce the use of coal, gas and oil in order to reduce greenhouse gas emissions. By undertaking a Bureau Veritas EEA your organisation will be part of the leading group of businesses striving for a cleaner, healthier and brighter future and will be better prepared to handle legislative requirements and mounting government pressure.

Why Choose Bureau Veritas For Your EEA needs?

Our proven experience demonstrates that we can help clients save on average between 10 to 20% for a typical office building! Also, our extensive EEA audit techniques and experience ensure our clients receive the best possible energy efficiency advice. Furthermore, Bureau Veritas is a trusted and internationally renowned independent 3rd party consulting services organisation, with no financial interest in the after audit sale of energy measurement equipment (meters, new energy services, etc...).

CLIENT REFERENCES

Notable global Bureau Veritas EEA clients include:

- Coca Cola
- HSBC
- ALSTOM
- Air France
- EDF
- Essilor
- Carrefour Shanghai

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