Bureau Veritas
Services

Move Forward with Confidence

In-Service Verification of Electrical Installations

Checking electrical safety to protect human life and property

BUSINESS CHALLENGE

An essential part of the infrastructure of any industrial plant, warehouse or other building is its electrical installations. Failures or malfunctions in these installations are a major factor in starting fires and may also lead to dangerous electric shocks. To protect human life and property, companies need to assess their electrical risk, analyse the physical condition of the electrical installation, and immediately deal with any potentially dangerous situations. Establishing an efficient maintenance program is a cost-effective way to meet requirements.

SOLUTION

What is Electrical Inspection?

Electrical inspection involves a series of tests performed on your electrical system, from the main intake through to the final fixed appliances and accessories, either low or high voltage according to the in-service reglementation. Bureau Veritas uses the latest equipment to monitor sound and electron discharge, heat generated by high resistance joints and earth integrity of matrices. A related service is the Infra-Red Thermography survey. This identifies local points of overheating which can potentially lead to starting fires.

What are the key benefits?

- Site security ensured, especially regarding fire safety
- Potential risks assessed, appropriate precautionary measures determined
- Numerous complex requirements complied with
- Independent advice and support given by knowledgeable technical experts in all critical areas
- Reassurance of running your site without worrying about non-compliance
- Benefit from experts who are aware of the latest technology and equipment

WHY CHOOSE BUREAU VERITAS?

Reputation ■ Bureau Veritas is the world leader in electrical inspection. Established in 1828, Bureau Veritas today has 1,500 people dedicated to In-Service Verification alone, all working to the same high standards, with the same rigorous approach, and mastering local regulations.

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

Recognition ■ Recognized and accredited by the most important organizations, internationally recognized for ISO 9001 certification. Bureau Veritas is the only verification body to be accredited ISO 9001 on all its sites.

Online reporting 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 Electrical Inspection, Bureau Veritas offers a wide range of In-Service Verification services.

- Other mandatory inspections (lifts, pressure vessels, lifting equipment, fire fighting systems)
- Infra Red Thermography
- Training
- Consultancy, advice and verification for new installation and design

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OUR APPROACH

For clients working with BVnet, our online reporting management tool, the usual process is as follows:

- Scheduling of the visit
- Compilation of current and past reports
- On-site inspection
- Live reporting
- Uploading of reports to our BVnet website
- Follow-up of findings
- Corporate reporting

FAQ

Are electrical inspections mandatory or voluntary?
It depends on what regulations apply to you locally. There is every chance that a mandatory requirement sets an inspection framework in your country. However even where regulations about electrical inspection are not strict, it is highly recommended to periodically assess the state of your electrical installations.

How can I manage my verification schedule, especially if it needs to cover a lot of sites?
Managing complex scheduling is easy with BVnet, our Web-based reporting management tool. BVnet is designed for multi-site clients. Automatic reminders signal when inspections are due and alerts are triggered if a major risk is identified. On-line reports are delivered in a password-secure environment.

What training can Bureau Veritas provide?
In the area of electrical installations, Bureau Veritas offers training programs in a number of subjects including:

- New norm NF C 15 100
- Principal modifications
- Particular prescript for PER and workers
- Interior lighting
- Public lighting
- Protection against les over voltage (lightning)
- Computer wiring

CLIENT REFERENCES

Bureau Veritas has earned the confidence of many leading companies including:

- Retail: Carrefour
- Hotels: Hilton, Accor
- Industry: PSA, Arcelor
- Transport: Air France

CONTACT

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