



**BUREAU
VERITAS**

SHOP INSPECTION

Reducing Risk from Industrial Supply Purchases

BUSINESS CHALLENGE

In most industrial sectors (such as chemical, automotive, metallurgical, or oil & gas), large construction projects involve the purchase of a vast number of items supplied by many different manufacturers. Quality and safety are key for these projects, therefore, it is of vital importance to check the quality of every single item, no matter how small. These items range from raw material to finished products. As some indication of the diversity of items concerned, they can include pipes and tubes, equipment ranging from valves and faucets to boilers and motors, and engines for anything from lifting equipment to elevators, electrical and electronic devices.

Any purchase carries embedded risk. If a part is faulty, but the fault is not detected, an increased risk of failure becomes embedded within the new asset.

SOLUTION

What is Shop Inspection ?

Shop Inspection involves inspecting items at their place of manufacture before delivery. This is the most convenient and cost-effective way to determine whether a product, service, process, piece of equipment or installation complies with expressed needs, customer expectations, applicable regulations or other specific requirements.

Shop inspection can include design review, review of material certificates, visual inspection, various Non Destructive Testing (NDT), attendance, supervision or performance of mechanical or functional tests.

What are the key benefits?

- Avoid risks linked to quality and safety problems with supplies;
- The reassurance of an independent assessment;
- Confidence to use supplied items thanks to detailed reports and certificates;
- Cost-effective way to verify Quality Assurance/Quality Control organisation of suppliers;
- Skilled personnel with relevant experience and qualifications at your service.
- Local coordinators act as your primary point of contact which simplifies the coordination and administration of overseas inspections.

WHY CHOOSE BUREAU VERITAS?

Recognition Founded in 1828, Bureau Veritas is a world leader specialising in conformity assessment services related to Quality, Health, Safety & Environment (QHSE).

Certified to ISO 9001 for all of its activities globally, Bureau Veritas is well known for its ability to adapt to changing client environments and situations and for its commitment to providing leading solutions through quality service.

Knowledge & Expertise Through expert local teams and technical knowledge, Bureau Veritas are able to deliver packaged and targeted solutions and information, to support our clients unique' business requirements.

Network With a network of 900 locations, and over 40,000 employees in more than 140 countries, Bureau Veritas provides solutions to over 370,000 clients throughout the world across a diverse range of industries.



OUR APPROACH

Bureau Veritas provide shop inspection services as a third party (Third Party Inspection, or TPI) worldwide.

TPI can be statutory (like European Directives or ASME) and carried out within the corresponding regulatory frame.

Shop inspection services are also offered for equipment that does not have to meet mandatory requirements. Conformity can be assessed in line with any specified standards. These may be national/international standards such as the American, ASME, API codes or any other national codes such as those applicable to Australia, New Zealand, India, etc.

TPI can also be voluntary, and carried out completely independent of the parties involved (for example, in the case of ISO/IEC 17020, formerly EN45004). Scope is specified by the client, and the inspection services are then carried out at the manufacturer's workshop.

Bureau Veritas inspectors are experienced and qualified. Their individual qualifications have been earned both within Bureau Veritas (levels and fields of competence) and externally. We select inspectors to match the needs of a specific inspection.

An experienced local coordinator will be nominated to act as your main point of contact within Bureau Veritas. The coordinator will nominate potential inspectors for each assignment and help in selecting the most appropriate inspector. The coordinator will also manage the administration of ongoing inspection tasks on your behalf.

FAQ – FREQUENTLY ASKED QUESTIONS

What can Bureau Veritas do to inspect our purchases that my Quality Department people could not?

If your quality inspectors are based in one place, or a limited number of places, the cost would be prohibitive. You would need to send them to every country where pieces of equipment for your project are made. If you choose to inspect materials and equipment parts on arrival, there are many significant risks: late assessment (if equipment is defective, there will be delays for new supply); lack of costly measuring equipment normally available at the manufacturer's workshop; inability to check items which have become hidden when the piece of equipment is assembled. Bureau Veritas' vast global network ensures accurate and efficient inspection of your purchases no matter the location.

OUR REFERENCES

- WORLEY PARSONS
- DOWNER EDI
- BHP BILLITON
- AGIP
- CODELCO
- MITSUBISHI HEAVY INDUSTRIES
- PETROBRAS
- SHELL
- TOTAL

RELATED SERVICES

Bureau Veritas AIRS can also offer:

- Non-Destructive Testing
- Design Verification and Certification
- Site inspection (survey of construction)
- Inspection of in-service equipment

CONTACT

For details about this service, please contact Asset Integrity and Reliability Services

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FOR MORE INFORMATION

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