



Add value.
Inspire trust.

Pre-shipment inspection services

Safeguarding product quality.

Your challenges

With increasing globalisation, many supply chains are spread across countries. This complicates the risks faced by manufacturers and importers. As quality standards and human judgement differ between countries, companies need to ensure that the quality and quantity of goods they receive is consistent with specifications, especially in the case of overseas suppliers. Companies wishing to take advantage of the price benefits of the global market have to ensure quality conformity in order to maintain the value of their brand.

What is a pre-shipment inspection?

A pre-shipment inspection (PSI) is a random inspection comprising a detailed inspection of finished goods before shipment. It is generally takes place in the manufacturer's premises or at the harbour on samples randomly selected according to the defined statistical sampling procedure ISO 2859-1 or otherwise agreed with the customer. The inspection criteria may cover type identification, product conformity, safety,

function, marking and safety hints, quality (consistent workmanship), quantity, packaging, unit completeness and compliance with the agreed specification.

Why is PSI important for your business?

Pre-shipment inspections ensure quality conformity in the global supply chain. These inspections help manufacturers to ensure the quality of their goods and protect importers from the risks of international trade.

How can we help you?

As one of the world's leading technical service organisations, TÜV SÜD supports businesses relying on global supply chains through its due diligence PSI service. Our PSI service reduces risks in retail supply chain management and can be customised to the individual needs of customers. As your partner for process excellence, we provide a variety of testing and inspection services customised to your needs, and look after your interests on site at a local level. Upon request, we can also take over end-to-end scheduling and project control on your behalf.

Our integrated quality assurance services

We apply statistical sampling techniques for inspections based on ISO 2859-1, BS 6001, DIN 40080 and ANSI/ASQ Z1.4. Our global reach enables us to carry out verification on site: at the manufacturer's premises, at the storage facility or at the premises of logistics partners at any time before, during or after shipment.

■ In-line inspection

In-line Inspection focuses on controlling the quality of products by inspecting the production line/raw materials to identify potential problems that may result in defective end products. It is based on a 'bottom-up' or deductive approach.

■ Initial Production Inspection (IPI)

IPI is conducted at the beginning of the production cycle, when up to 20% of goods are produced. It is based on a 'top-down' or inductive approach, which first inspects the end products and then traces back any problems to the production line and raw materials.

■ During Production Inspection (DUPRO)

This inspection, which is also based on a 'top-down' approach, occurs when the product cycle is about 20-40% complete and product packing has started.

■ Final Random Inspection (FRI)

When the total consignment is completed and packed, a detailed inspection of randomly selected samples is carried out to check the quality, quantity and packaging conformity as per samples and specifications.

■ Construction check

TÜV SÜD performs a safety check on your products in the run up to production to help you avoid time-consuming delays in delivery or costly rework. Within the scope of this examination, we check whether the correct components are being used in order to ensure long-term quality. The design check also provides important information for pre-shipment inspections.

■ Loading supervisions

TÜV SÜD monitors loading of goods on your behalf. We also inspect the condition of containers and verify the identity and quantity of goods. This enables us to initiate optimisation measures on the spot, if necessary.

Your business benefits

- **Save time and money** – by preventing losses and delays caused by incorrect products.
- **Minimise risk** – by ensuring supply chain quality, reducing the danger of penalties and losses from unmet deadlines.
- **Benefit from an expert partnership** – with our complete business solutions and strong multidisciplinary expertise.
- **Protect your financial exposure** – by ensuring the quality and quantity of goods before releasing payment.

Why choose TÜV SÜD?

With more than 145 years of experience, TÜV SÜD has a strong reputation around the world for independence and impartiality. As a holistic service provider and project implementation expert, our solutions are backed by global best practices. We offer a personalised one-stop solution fitting all of your testing, certification and inspection requirements. TÜV SÜD's global network offers multidisciplinary expertise to customers in all major markets. Our inspectors receive regular technical training and are able to provide the highest level of technical inspection services.

Add value. Inspire trust.

TÜV SÜD is a premium quality, safety and sustainability solutions provider that specialises in testing, inspection, auditing, certification, training and knowledge services. Represented in over 800 locations worldwide, we hold accreditations in Europe, the Americas, the Middle East, Asia and Africa. By delivering objective solutions to our customers, we add tangible value to businesses, consumers and the environment.

Related services

TÜV SÜD provides the following related services:

- EMC testing
- Mechanical testing
- Chemical testing
- Electrical testing
- Corporate social responsibility – social audits