

BUREAU VERITAS CONSUMER PRODUCTS

Inspection Services to Mitigate Risk

**Bureau Veritas
Consumer Products Services**

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**BUREAU
VERITAS**

For the benefit of business and people

- ▶ **Why Inspect?**
- ▶ **Inspection is performed near the end of the QA process prior to shipment so it remains a critical step in detecting product compliance against specified requirements. As such inspection provides:**
 - **On-site verification of product quality, quantity, packaging, marking and shipping documents.**
 - **Validation of the effectiveness of the QA process.**
 - **Confirmation of Pass / Fail status prior to shipment can help prevent product recall, customer complaints, and associated costs.**
 - **Mitigation against shipment of non-conforming product.**



- ▶ **In determining the type and frequency of inspection and combination of other QA services, we must consider the following:**
 - **Product Risk Profile – High risk or low risk? (ie Children's products). Likelihood of problems & severity. Product recall and its impact.**
 - **Risk associated with supplier base - Industry sector, country, region.**
 - **Supplier History – QA Systems, Capability & Transaction history, First time supplier, problematic supplier or established supplier**
 - **Safety & Regulatory Issues – Legal, Intended use, country of sale,**
 - **Complexity of product – technology, functionality, packaging, labelling.**

There are tools available to determine product risk & supplier risk so that the appropriate combination of QA services can be allocated according to the risk.



Initial Production Inspection (IPI)

- When approx 10-20% of total order quantity is produced.
- A preventative inspection for higher risk products & situations (seasonal items, high value, new products/suppliers, tight shipping schedules, etc.)

During Production Inspection (DPI)

- Similar to IPI but later in the process – less preventative.
- When approx 40-60% of total order quantity is produced.

Final Random Inspection (FRI)

- When approx 100% of total order quantity is produced and at least 80% packed.

Container Loading Check & Sealing

- Confirm that loaded products meet requirements for identity, quantity, packaging, marking, shipping documents.





Risk

Inspection Services V's Risk

INSPECTION



PREVENTION



PERFECTION

Risk

High risk

Medium risk

Low risk

Proven Supplier
Existing Product
Low Complexity/Value

FRI
Sample Retention

New Supplier
New Product
Medium Complexity/Value

SA Audit
Factory Assessment
Protocols
DPI + Sampling
Lab Testing
FRI

Private Label
New Supplier/Country
New Product
High Complexity/Value
Regulatory complexity
Children/Safety

SA Audit
Factory Assessment
Protocols
Prototype Testing
IPI, DPI + Sampling
Lab Testing
FRI
Loading Check



- ▶ **Risk is a function of Product Risk & Supplier Risk.**
- ▶ **Understand the risk of your product, supplier, country and industry.**
- ▶ **The appropriate combination of Testing, Inspection or Assessment services will depend of the risk profile of the product & supplier.**
- ▶ **Risk needs to be managed from product design through the entire product life cycle.**
- ▶ **Inspection is useful for final validation of product conformity, packaging, marking, and other pre-shipment specifications.**
- ▶ **Inspection is not insurance or a guarantee - it's one of the tools to be used according to risk.**

