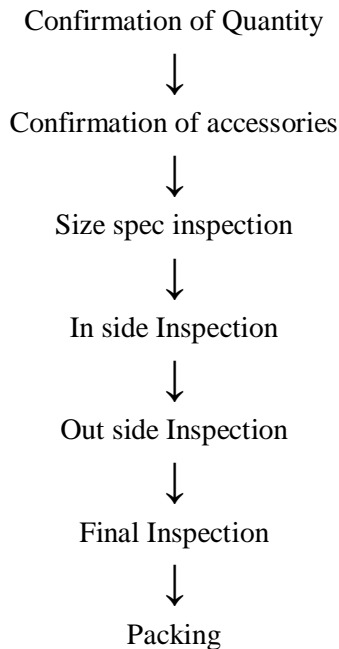


GARMENT INSPECTION

It becomes necessary to maintain the quality right from the production stage in order to deliver a satisfactory final product to the consumer with the right quality which in turn results in getting continuous orders from the same customers. The garment manufacturers inspect their products by designated responsible inspectors then only the right quality product will reach the consumer. Under quality assurance process, the bulk production is inspected before delivered to the customers.

The inspections are done to control the quality is means by examining the products without the products any instruments. To examine the fabric, sewing, button, **thread**, zipper, garments measurements and so on according to specification or desired standard is called inspection. There are so many facilities for inspection in every section of garments industries. The aim of inspection is to reduce the time and cost by identifying the faults or defects in every step of garments making.

Flow Chart of Garment Inspection



METHODS OF GARMENT INSPECTION

1 SAMPLE METHOD-

The sampling method is used to determine how we will choose the batch to check. Usually, an inspector only checks a part of the whole. A lot should be enough to assess the quality of the items to be delivered. The primary purpose of the inspection is to know about the lot of garments to be granted or rejected.

TYPES OF SAMPLING METHOD

Below available types of inspection sampling methods which are widely used for ensuring desired quality of garments manufactured by using various types of fabric:

- **No Sampling inspection,**
- **100% Inspection,**
- **Spot checking,**
- **Arbitrary sampling,**
- **Acceptance sampling (AQL Sampling).**

All the above sampling methods have been discussed below:

1. No Sampling Inspection-In this sampling method, the garments can be bought or sold without any sampling inspection. It only checks the outer carton and random check the packages, but it can't get any idea about the garment workmanship. you may choose this sampling method in some container loading inspection.

2. 100% Inspection (Full inspection)-100% inspection also calls full inspection, which means every unit must be inspected. In this method, every piece of the garment would be granted or rejected instead of a lot of garments to be granted or rejected.

It can have an idea about the quality of garments by this sampling method. It is also informed that all the defects are identified by 100% inspection. Also informed that if 100% inspection is done, then it needs more time and cost.

3. Spot Checking-This is the middle position of 100% inspections and no inspection methods. Inspector will inspect the shipment goods randomly. In this method, the result is found minimum. Some customers also choose it to check the raw materials, semi-finished products, or container loading inspection.

4. Arbitrary Sampling-This type of method is the most popular and widely used in the apparel manufacturing sector. Whatever the lot size available is, a 10% sample of the lot is collected and inspected and will decide the lot of garments to be granted or rejected. Both the advantages and disadvantages are found by applying this method.

5. Acceptance Sampling (AQL Sampling Inspection, Single-stage sampling plan):-In this sampling method, samples are collected and inspected by statistically from the lot size and will decide the lot of garments to be granted or rejected.

This plan is used for inspection of raw materials before garments production, during the production period, and for finished garments after production (final inspection).

ADVANTAGES OF SAMPLING METHOD

- ❖ This sampling method is widely used and internationally recognized and accepted.
- ❖ This is the most popular method in any third party inspection company.
- ❖ The most useful advantage of this method is the controllable and minimum risk of accepting the wrong decision.
- ❖ This method for inspection is also more practical and economical.

<http://textilemerchandising.com/types-sampling-method-apply-textile/>