

Glossary

Acceptable Quality Level (AQL) : The fraction nonconforming units (proportion defective) at which a customer is willing to accept a lot with a stated high probability.

Limiting Quality Level (LQL): This is the maximum percent defective (or the maximum number of defects per 100 units or maximum fraction nonconforming) for purposes of sampling inspection that can be tolerated and above which the lot will be rejected.

Average Sample Number (ASN): The expected value of the sample size required for coming to a decision of accepting or rejecting a lot, under the sampling inspection plan.

Average Total Inspection (ATI): The average number of units inspected in total in a lot is ATI.

Producer's risk (α): By a producer we mean a person, a company or a firm that manufactures or sells articles to the consumer.

Consumer's Risk (β): By consumer we mean, a person, a department or a company that receives the items from a producer.