

Glossary

Average Outgoing Quality (AOQ): The quality of the lot after inspection is referred to as the outgoing quality.

Effect of Change in Acceptance Number: The effect of keeping the sample size as constant and increasing acceptance number. Increasing acceptance number(c) while holding n constant decreases the producer's risk and increases the consumer's risk.

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.