

Operating Characteristic Curve -The Operating Characteristic Curve (OC Curve) shows you the probability that you will accept lots with various levels of quality. It is the working plan of acceptance sampling.

AQL – Acceptance Quality Level -The AQL (Acceptance Quality Level), the maximum % defective that can be considered satisfactory as a process average for sampling inspection

RQL -Rejectable Quality Level -The RQL (Rejectable Quality Level) is the % defective. It is also known as the Lot Tolerance Percent Defective (LTPD).

LTPD – Lot Tolerance Percent Defective -The LTPD of a sampling plan is a level of quality routinely rejected by the sampling plan. It is generally defined as that level of quality (percent defective, defects per hundred units, etc.) which the sampling plan will accept 10% of the time.

Risks in Acceptance sampling

1. **Producer's risk**:- Sometimes in spite of good quality, the sample taken may show defective units as such the lot will be rejected, such type of risk is known as producer's risk.

2. **Consumer's Risk**:- Sometimes the quality of the lot is not good but the sample results show good quality units as such the consumer has to accept a defective lot, such a risk is known as consumer's risk.