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ISO 2859-1 focuses on sampling schemes for a lot-by-lot inspection with lots indexed by the acceptance quality limit (AQL). It is part of the ISO 2859 “Sampling procedures for inspection by attributes” series of standards. These sampling procedures help you decide on the product quality of an entire lot based on a good/bad inspection.

1. Customer and supplier agree on a single sampling plan $(n-Ac) = (80-1)$ according to ISO 2859-1. The customer detects two defective parts in the sample. He is thus supposed to reject the entire lot.

2. You use an operating characteristic curve (OC) to describe a sampling scheme. It indicates the percentage of lots which may be expected to be accepted for a given quality level.

3. Customer and supplier agree on a lot size of 1000 parts, inspection level II, $AQL = 0.4$ and a normal inspection for an incoming-goods inspection. The single sampling plan according to ISO 2859-1 is $(n-Ac) = (125-1)$.

