



Economic efficiency of the AOQL sampling plans for inspection by variables when the remainder of rejected lots is inspected

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The average outgoing quality limit (AOQL) sampling plans minimizing the mean inspection cost per lot of process average quality when the remainder of rejected lots is inspected were originally designed for the inspection by attributes. The single sampling plans for the inspection by variables and for the inspection by variables and attributes (all items from the sample are inspected by variables, remainder of rejected lots is inspected by attributes) were then proposed. Under the same protection of consumer the AOQL plans for inspection by variables are in many situations more economical than the corresponding sampling plans. Un (ected) n