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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 8054-1987

Replacing GB/T 8054-1995; GB/T 8053-2001

**Single sampling procedures and tables for Inspection having
desired operating Characteristics by variables
(English Translation)**

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Foreword

This standard by GB/T 8054-1995 "mean a measurement standard sampling procedures and tables" and GB/T 8053-2001 "Measuring the rate of nonconforming primary sampling procedures and tables" from integration.

This standard replaces GB/T 8054-1995 "mean a measurement standard sampling procedures and tables" and GB/T 8053-2001 "Measurement nonconforming rate of one sampling procedures and tables." this standard and GB/T 8053-2001, GB/T 8054-1995 compared to the changes include.

1) correct errors in the original standard.

The U-L

To U-L

2) The "Hope characteristic value is low (given the specification limit) when" with "a given specification limit (desired characteristic value is low)." the "Hope high intrinsic value (to set the size limits) when" read "to set the size limit (desired characteristic value is high)." the

"Hope characteristic values within a certain range (given bilateral Specification Limit) When" with "a given bilateral specification limits (in a desired characteristic value Within a given range) " the Standard Annexes A and B are normative annexes, Appendix C, Appendix D and Appendix E information appendix.

Application of this standard by the National Standardization Technical Committee on statistical methods (SAC/TC21) centralized.

This standard drafting units. China National Institute of Standardization, Guangzhou Product Quality Supervision, Inspection, Hainan Province, product quality supervision, inspection, no Tin City Product Quality Supervision, Inspection, Beijing University of Technology.

1 Scope

This standard specifies the ratio of the mean and defective quality indicators measurement standard sampling inspection procedures and implementation.

This standard applies to product quality characteristics measured value representation and subject to inspection or approximately normally distributed.

This standard specifies the production side risk $\alpha = 0.05$, consumer's risk $\beta = 0.10$.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 4091 conventional control charts (GB/T 4091-2001, idt, ISO 8258:1991) Analyzing and processing GB /statistical processing and interpretation of normal sample values
GB/T 4883 data GB/T 19000-2000 Quality Management System - Fundamentals and vocabulary (idt ISO 9000:2000) GB/T 10111 random number generation and sampling product quality ISO 3534-1:2006 statistical terms - Part 1. General statistical terms and terms used in probability ISO 3534-2:2006 statistical terms - Part 2. Applied Statistics

3 Terms and definitions, symbols

ISO 3534-1:2006, ISO 3534-2:2006 and GB/T 19000-2000 determine the terms, definitions and symbols as well as following surgery Language, definitions and symbols apply to this standard.

3.1 Terms and Definitions

3.1.1

Required for the implementation of inspection and sampling of the product division of the basic unit.

3.1.2

For the implementation of sampling and brought together a group of products.

(Abbreviation. Batch) 3.1.3 Unit Features subject of continuous scales can measure quality characteristics.

3.1.4

Predetermined sampling plan from the batch randomly selected a certain number of units of product. Acquire their mass by measuring, testing or other methods the amount of characteristic values, compared with the quality requirements, the batch process and determine whether the product received.

3.1.5

According to the test results of samples from a batch extraction, decide whether to accept the batch.

[ISO 3534-2:2006,4.4]