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JIS

JAPANESE INDUSTRIAL STANDARD

Significance Test of Equality of the Population Variance and the Standard (One-Sided)

JIS Z 9054—1966

Translated and Published

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JAPANESE INDUSTRIAL STANDARD J I S

Significance Test of Equality of the Population Variance and the Standard (One-Sided)

Z 9054-1966
(Reaffirmed: 1984)

1. Scope

This Japanese Industrial Standard specieis the significant test method to determine whether it can be said that a population variance (unknown) differs from (is either larger or smaller than) the value given as a standard (known) on the basis of the measured values obtained from the population (or from the lot that can be considered to represent it well) (one-sided significance test).

2. Technical Condition of Lot

It is desirable that the distribution of the quality characteristic value (X) of items constituting the lot should be normal or approximately normal.

3. Technical Condition of Individual Sample

The sample shall have been taken at random from the lot. The random sampling shall be made in accordance with JIS Z 9031.

Reference Standards:

JIS Z 8101-Glossary of Terms Used in Quality Control

JIS Z 9031-Random Sampling Methods

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