

AMERICAN NATIONAL STANDARD

ANSI/ASQ Z1.9–2003 (R2013)

**SAMPLING PROCEDURES  
AND TABLES FOR INSPECTION  
BY VARIABLES FOR PERCENT  
NONCONFORMING**

This standard is a reaffirmation of ANSI/ASQ Z1.9-2003 (R2008)

# AMERICAN NATIONAL STANDARD

## *Sampling Procedures and Tables for Inspection by Variables for Percent Nonconforming*

Prepared by  
The Statistics Subcommittee of the Accredited  
Standards Committee Z1 on Quality, Environment,  
Dependability and Statistics

ANSI-Accredited Standards Developer (ASD)  
American Society for Quality

### **ABSTRACT**

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Sampling Procedures and Tables for Inspection by Variables for Percent Nonconforming is an acceptance sampling system to be used on a continuing stream of lots for AQL specified. It provides tightened, normal, and reduced plans to be used on measurements which are normally distributed. Variation may be measured by sample standard deviation, sample range, or known standard deviation. It is applicable only when the normality of the measurements is assured.

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