
**Sampling procedures for inspection by
attributes —**

Part 4:
**Procedures for assessment of declared
quality levels**

Règles d'échantillonnage pour les contrôles par attributs —

Partie 4: Procédures pour l'évaluation des niveaux déclarés de qualité

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 69, *Application of statistical methods*, Subcommittee SC 5, *Acceptance sampling*.

This third edition cancels and replaces the second edition (ISO 2859-4:2002), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the scope has been widened from testing for the percentage of nonconforming items to testing for the percentage of nonconformities per item;
- the sampling and decision algorithm is more detailed and has been moved to an earlier position in the document, so as to facilitate the operational use of the document;
- an LQR level 0 has been introduced, which can be used when a large probability of erroneously contradicting a correctly declared quality level can be tolerated;
- an informative Annex B has been added to explain the mathematical-statistical background, and to provide tables on quality ratios.

A list of all parts in the ISO 2859 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.