Sampling procedures for inspection by attributes —

Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection

Règles d'échantillonnage pour les contrôles par attributs —

Partie 2: Plans d'échantillonnage pour les contrôles de lots isolés, indexés d'après la qualité limite (QL)
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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.

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

This second edition cancels and replaces the first edition (ISO 2859-2:1985), which has been technically revised.

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

— inclusion of a sampling plan for the number of nonconformities per item in the lot;

— extension of the range of preferred LQ values from the original range “0,5  0,8  1,25  2  3,15  5  8  12,5  20  31,5” to the new one “0,05  0,08  0,125  0,2  0,315  0,5  0,8  1,25  2  3,15  5  8  12,5  20  31,5  50  80  125  200  315  500  800  1250  2000  3150”;

— tables of shortest length confidence intervals for lot proportion nonconforming under confidence levels 0,95 and 0,99;

— new technical annexes: Annex A on "Statistical properties of single sampling plans", Annex B on "Calculation of the statistical indices" and Annex C on "Information on technical background of confidence intervals”.

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.