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

GB/T 2828.10-2010

**Sampling procedures for inspection by attributes -- Part 10:
Introduction to the GB/T 2828 series of standards for sampling
for inspection by attributes**

计数抽样检验程序 第10部分：GB/T 2828计数抽样检验系列标准导则
(English Translation)

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Table of Contents

Preface

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Acceptance sampling Overview

4.1 Acceptance sampling purposes

4.2 Acceptance Sampling

Foreword

GB/T 2828 "Sampling procedures for inspection" consists of the following components.

--- Part 1. by acceptance quality limit (AQL) retrieval batch inspection sampling plan (ISO 2859-1:1999, IDT);

--- Part 2. by limiting quality (LQ) for isolated lot inspection retrieved sampling programs (ISO 2859-2. 1985, NEQ);

--- Part 3. skip-lot sampling procedures (ISO 2859-3:2005, IDT);

--- Part 4. claiming that the level of quality assessment procedures (ISO 2859-4:2002, MOD);

--- Part 5. by acceptance quality limit (AQL) retrieval batch sequential sampling inspection scheme of the system (ISO 2859-5:2005, IDT);

Part --- Article 10. GB/T 2828 series of standards for sampling count guidelines (ISO 2859-10:2006, MOD);

--- Part 11. Small claims overall level of quality evaluation procedures.

This section GB/T 2828 Part 10.

Prepared in accordance with this part of the drafting of rules GB/T 1.1-2009 requirements.

GB/T 2828 submissions for this section using the ISO 2859-10:2006 "Sampling procedures for inspection - Part 10. ISO 2859 count Sampling series Standard Guide. " And ISO 2859-10. compared to 2006, mainly technical changes are as follows.

--- Increasing the GB/T 2828.11-2008 "Sampling procedures for inspection - Part 11. Small claims overall level of quality evaluation process Order "content.

This part of the application by the National Standardization Technical Committee on statistical methods and focal points.

This section drafted by. China National Institute of Standardization, Shenzhen City, measuring Detection Technology Co., Ltd., Guangzhou Quality Supervision and Inspection Institute Study Institute, Beijing University of Technology, Institute of Mathematics and System Sciences, Chinese Academy of Sciences, Hainan Province Product Quality Supervision, Inspection and the People's Liberation Army Ordnance Engineering College.

Introduction

This section GB/T 2828 describes a series of sample acceptance criteria GB/T 2828.1, GB/T 2828.2, GB/T 2828.3, GB/T 2828.4, GB/T 2828.5 and GB/T 2828.11 mentioned Sampling plans and sampling programs. This section describes the Integrated Sampling inspection procedures and the general use of the method. To fully understand the concepts and applications, the need to query GB/T 2828.1, GB/T 2828.2, GB/T 2828.3, GB/T 2828.4, GB/T 2828.5, GB/T 2828.11 and GB/T 13393.

Other parts of the GB/T 2828 series of standards these introductory explanations of this section expanded into specific criteria clear application.

It is emphasized that, GB/T 2828.1 provides by acceptance quality limit (AQL) to retrieve the sampling plan for percent nonconforming product the number or the number of units per hundred product failure as a case of quality indicators. GB/T 2828.1 is mainly used for production or service from the same too Continuous batch testing process, in this case, when the continuous batch of short sequences were found not to receive a certain amount of time granted by the normal inspection Go to tightened inspection process so that product quality indicators in the control average consumer requirements below.

GB/T 2828.2 gives a single batch or batch sampling plan for isolated. The sampling plan in many cases is equivalent to GB/T 2828.1 in the sampling plan. GB/T 2828.2 all the sampling plan contains requirements for quality with a high probability of receiving batch when for information level.

GB/T 2828.3 gives a jump in long term grant submission or observation, when the process was better than the average quality level AQL, used Sampling procedures. When the level of quality in a very good state, using GB/T 2828.3 the skip-lot sampling procedures than the GB/T 2828.1 the reduced inspection sampling program more economical. And GB/T 2828.1, like, GB/T 2828.3 for continuous batch series of single source.

GB/T 2828.4 and GB/T 2828.11 gives a certain level of quality for the assessment of the overall (or batch processes, etc.) do not meet certain whether Claiming a level of quality programs. This part of the function is different from other parts of this series, mainly because the other part of the program is based on Acceptance quality limit retrieved only practical purposes related to acceptance sampling, and considering the types of risks. GB/T

2828.4 procedure is in order to formal, systematic review or audit need to do sampling and developed. GB/T 2828.4 applies to a larger total Sampling inspection body, GB/T 2828.11 Suitable for small overall sampling.

GB/T 2828.5 gives establish sequential sampling plan method of discernment is substantially equivalent to the GB/T 2828.1 appropriate Program.

Sampling inspection system according to AQL also retrieved, given by the GB/T 6378 Sampling procedures for inspection of measurement series.

Sampling procedures for inspection Part 10. GB/T 2828 Sampling Inspection Standard Guide Series

1 Scope

This section GB/T 2828 Sampling system gives a general introduction and in GB/T 2828.1, GB/T 2828.2, GB/T 2828.3, GB/T 2828.4, GB/T in 2828.5 and GB/T 2828.11 counted sampling plan and sampling plan proposed Overview.

This section GB/T 2828 also shows in specific situations, how to choose a suitable sampling systems.

2 Normative references

The following documents for the application of this document is essential. For cited documents with dates, only the edition is suitable for this document.

For undated references, the latest edition (including any amendments) applies to this document.

GB/T 2828.1-2003 Sampling procedures for inspection - Part 1. by acceptance quality limit (AQL) retrieval batch test sample Programme (ISO 2859-1:1999, IDT) GB/T 2828.2-2008 Sampling procedures for inspection - Part 2. Press the limiting quality (LQ) for isolated lot inspection sample retrieved Party Case (ISO 2859-2. 1985, MOD) GB/T 2828.3-2008 Sampling procedures for inspection Part 3. skip-lot sampling procedures (ISO 2859-3:2005, IDT) GB/T 2828.4-2008 Sampling procedures for inspection - Part 4. claiming that the level of quality evaluation procedures (ISO 2859-4.

2002, MOD)

GB/T 2828.5 Sampling procedures for inspection - Part 5. by acceptance quality limit (AQL) retrieval batch sequential sampling inspection party Case systems (ISO 2859-5:2005, IDT) GB/T 2828.11-2008 Sampling procedures for inspection - Part 11. Small claims overall level of quality evaluation program GB/T 3358.1-2009 Statistics Vocabulary and symbols - Part 1. General statistical terms and terms used in probability (ISO 3534-1:2006, IDT) GB/T 3358.2-2009 Statistics Vocabulary and symbols - Part 2. Applied Statistics (ISO

3534-1:2006, IDT)

3 Terms and Definitions

GB/T 2828.1, GB/T 2828.2, GB/T 2828.3, GB/T 2828.4, GB/T 2828.5, GB/T 3358.1 and Terms and definitions GB/T 3358.2, as defined in applicable to this document.

4 Acceptance sampling Overview

Objective 4.1 Acceptance sampling inspection the main purpose of acceptance sampling inspection lot is submitted by the production quality level is in the mutual recognition or superior level of quality.

GB/T 2828 series of each standard is based on a specific parameter, such as AQL, LQ or DQL like.