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

中华人民共和国国家标准

GB/T 2829-2002

Replace GB/T 2829-1987

**Sampling Procedures and Tables for Periodic
Inspection by Attributes (Apply to Inspection of
Process Stability)**

周期检验计数抽样程序及表
(适用于对过程稳定性的检验)

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Foreword

This standard is the revision to GB/T 2829-1987 "Sampling Procedures and Tables for Periodic Inspection by Attributes (Apply to Inspection of Stability for Productive Process) and this standard replaced GB/T 2829-1987.

Compared with GB/T 2829-1987, the significant technical content changes of this standard include:

——The standard name is changed into "Sampling Procedures and Tables for Periodic Inspection by Attributes (Apply to Inspection of Process Stability)".

——The standard text is redrafted according to the requirements of GB/T 1.1.

——For the convenience to retrieve the sample number of twice and quintic sampling plan corresponding to single sampling plan, the sample sequence table (Table 1) is added.

——Under the premise of no accuracy influence, the extent occupied by the average sample number curve figures is compressed.

——This revision makes the necessary change for some terms and operation procedures.

This standard was proposed by and is under the jurisdiction of National Technical Committee on Application of Statistical Methods of Standardization Administration of China.

Chief drafting organizations of this standard: Ordnance Engineering College, China National Institute of Standardization, Academy of Mathematics and Systems Science, Chinese Academy of Sciences, Standardization Research Institute and Lingyun Industrial Corporation Limited.

Chief drafting staffs of this standard: Zhang Yuzhu, Ma Yilin, Liu Wen, Zhu Huiming, Cao Shimin and Chang Zhicheng.

This standard was issued for the first time in 1982 and was revised for the first time in 1987.

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Attributes (Apply to Inspection of Process Stability)

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1 Scope

This standard specifies once, twice and quintic sampling plan and sampling program taking nonconforming quality level (expressed with percent nonconforming or nonconformities per 100 items) as the quality index, which applies to the inspection of process stability.

2 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. For dated reference, subsequent amendment to (excluding correction to), or revisions of, any of these publications do not apply. However, all parties coming to an agreement according to this standard are encouraged to study whether the latest edition of these documents is applicable. For undated references, the latest edition of the normative document is applicable to this standard.

GB/T 3358.1-1993 "Terms for Statistics-Part I: Terms for General Statistics"

GB/T 3358.2-1993 "Terms for Statistics-Part II: Terms for Statistical Quality Control"

GB/T 2828¹⁾ "Sampling Procedures for Inspection by Attributes-Sampling Schemes Indexed by Acceptance Quality Limit (AQL) for Lot-by-lot Inspection" (idt ISO 2859-1)

3 Terms, Definitions and Symbols

3.1 Terms and definitions

The established terms and definitions in GB/T 3358 and the following ones are applicable to this standard.

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