

ICS 21.060.20
CCS J 13



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

GB/T 90.3-2010

Fasteners -- Quality assurance system

紧固件 质量保证体系

(English Translation)

Issued on: January 10, 2011

Implemented on: October 1, 2011

Issued by: Standardization Administration of China

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Foreword

This section GB/T 90 (hereinafter referred to in this section) is the national standard "fasteners acceptance inspection, packaging and quality assurance" series of standards. First, the series includes.

--- GB/T 90.1-2002 fasteners acceptance inspection;

--- GB/T 90.2-2002 fastener marking and packaging;

This section GB/T 90 Part 3.

This part identical with ISO 16426:2002 "Fastener Quality Assurance System" (in English), the main editorial changes are as follows.

--- In the reference file, instead of using our standards with international standards (Chapter 2).

--- With GB/T 19000-2008 "Quality Planning" Terms and definitions instead of the ISO 16426 "Quality Plan" term (see 3.1).

Appendix A of this section is informative appendix.

This part is proposed by China Machinery Industry Federation.

This part of the National Standardization Technical Committee fasteners (SAC/TC85) centralized.

This section is responsible for drafting unit. Productivity Promotion Center in the machine.

Participated in the drafting of this section. general industrial machinery parts and components product quality supervision and inspection center, Ningbo Kowloon Fastener Manufacturing Co.

the company.

This part of the National Standardization Technical Committee Secretariat responsible for the interpretation of fasteners.

This section is the first issue.

Fastener Quality Assurance System

1 Scope

GB/T of the provisions of section 90 of the fastener manufacturer and distributor of quality assurance system should follow requirements. These requirements the purpose is to reduce or prevent substandard fasteners, in order to achieve the specified characteristics close to zero-defect quality goals.

This section describes the raw material from the reception, through the manufacturing process to claim the delivery to the dealer or user (assembler) of.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 90.1-2002 fasteners acceptance inspection (idt ISO 3269:2000) GB/T 3098.17-2000 Fasteners - Preloading test for detection of hydrogen embrittlement - Parallel bearing surface method (idt ISO 15330:1999) GB/T 19000-2008 Quality Management System - Fundamentals and vocabulary (ISO 9000:2005, IDT)

3 Terms and definitions

This standard uses the following terms and definitions.

Quality Planning advancedqualityplanning Part of quality management (command and control an organization with regard to quality coordinated activities), we are committed to setting quality objectives (in terms of quality Objective pursued) and provides the necessary operational processes (the inputs into output of interrelated set of activities or interacting) and related Resources to achieve quality goals.

Note: The preparation of quality plan (for a specific project, product, process or contract provisions by whom and which procedures and associated resources files when used) may be qualitative Part of the amount planned.

Restructuring alter

After the original manufacturing process, any process change fastener geometry, mechanical performance or operating characteristics.

Process capability index value Cpk value is a measure of process capability. Step average and it has the upper and lower limits of a normal distribution and characteristics Standard deviation of the relevant characteristics.

Customer

Institutions or individuals receiving product.

Note: A customer can be a user or dealer.

Mixed commingling

Load the same type of fasteners in different production batches of the same package.