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

GB/T 22555-2010

**Acceptance sampling plans and procedures for the inspection
of bulk materials**

散料验收抽样检验程序和抽样方案

(English Translation)

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Foreword

This standard is prepared in accordance with GB/T 1.1-2009 drafting rules.

This revised standard adopts ISO 10725:2000 "bulk Acceptance sampling procedures and sampling plan" to ISO 10725:2000, made the following changes and technical amendments.

--- Will of a 6.3.2.2), b) the " σ_M/σ_T " to " σ_M/σ_P ";

--- 6.3.6 of the " $RC = CTMCI$ " "To" $RC = cTMcl$ ";

--- 6.3.6 added expense ratio level selection rules a) ~ e) in the range of RC concrete, practical user-friendly;

--- Remove 6.4.7 and 6.4.8, and 6.7 is not received batch processing;

--- Adjusted 7.7.2,7.7.3,7.7.4 order of 7.7.3,7.7.4,7.7.2.

Application of this standard by the National Standardization Technical Committee on statistical methods and focal points.

This standard is mainly drafted by. China National Institute of Standardization, Shenzhen City, measuring Detection Co., Ltd., Beijing University of Technology, Chinese Academy of Sciences Number Science and Systems Science, Liaoning University, Capital University of Economics and Business, Beijing University of Aeronautics and Astronautics.

Introduction

Since the late 1940s began, application of statistical methods in the field of bulk sampling of increasing year by year, is mainly used for a large number of Sampling of raw materials such as coal, iron ore and so on. The main purpose is to accurately estimate a reasonable cost batch average quality, and so, if necessary to regulate prices and production process in a timely manner.

In recent years, especially for the bulk of industrial products, such as plastics and chemical raw materials powder particles of the growing acceptance sampling requirements plus. In this case, to determine the acceptability of the batch is more important than accuracy obtained batch average quality. The standard that is a front for the purpose of Commission.

Bulk sampling procedures and acceptance sampling plan

1 Scope

And the use of this standard by determining the bulk acceptance inspection procedure variables, for bulk acceptance sampling program carried out in detail.

These sampling plans are subject to certain operating characteristic curve at a reasonable cost.

This standard applies to a specific batch of the average single quality characteristics as the main factor of acceptance testing, quality characteristics are also given more time Acceptance testing procedures; this standard can be applied to those at various stages of the standard deviation is known or sampling to ascertain the situation.

The present standard can be used for receiving a variety of bulk materials, but materials such as iron ore, coal, crude oil, the average estimate lot quality ratio determination batch More important case, this standard does not fully applicable.

When no applicable standard measurement method so that the standard deviation when major proportion of the total standard deviation, as liquid bulk sampling, this Standards elaborated on some of the specific sampling plans and procedures.

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 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 3534-2:2006, IDT) GB/T 6379.1-2004 measurement methods and results of Accuracy (trueness and precision) - Part 1. General principles and definitions (ISO 5725-1:1994, IDT) ISO 11648-1:2003 Statistical methods for sampling bulk materials - Part 1. General principles (Statistical aspects of sampling from bulk materials - Part 1. General principles)

3 Terms and Definitions

GB/T 2828.1, GB/T 3358.1, GB/T 3358.2, GB/T 6379.1 defined and the following terms and definitions apply to this file.

Acceptance sampling According to the test results of one or more samples extracted from batch to determine whether to accept a batch sampling.

Acceptance inspection Grant or other tests to determine whether a certain number of products that can be received.

Sampling system Combination of sampling programs and sampling plan for selecting appropriate sampling scheme or sampling plan guidelines.