

Acceptance sampling plans and procedures for the inspection of bulk materials

ICS 03.120.30

National foreword

This British Standard reproduces verbatim ISO 10725:2000 and implements it as the UK national standard.

The UK participation in its preparation was entrusted to Technical Committee SS/3, Application of statistical methods in standardization, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

Textual errors

The textual errors set out below were discovered when adopting the text of the international standard. They have been reported to ISO in a proposal to amend the text of the international standard.

Details of each error shall follow, giving its textual reference and the proposed correction.

Clause 7.7.1, page 39, Table 23 Reformat as shown below. The formatting of the last two rows were misleading since it was not apparent that the composite sample averages, $\bar{x}_{i..}$ are for all values of $i=1$ and for all values of $i=2$. Similarly, the sample grand average, $\bar{x}_{i...}$ is the average between composite sample averages for both values of i .

Table 23 — Data obtained from one lot

	$i = 1$			$i = 2$		
	$k = 1$	$k = 2$	$\bar{x}_{1j.}$	$k = 1$	$k = 2$	$\bar{x}_{2j.}$
$j = 1$	103,7	106,1	104,90	102,5	99,0	100,75
$j = 2$	101,9	99,3	100,60	97,3	102,9	100,10
$j = 3$	97,9	108,7	103,30	101,5	101,5	101,50
$\bar{x}_{i..}$	102,93			100,78		
$\bar{x}_{i...}$	101,86					

Clause C.7.1, page 59, formula C.27 $\beta^* = 1 - \sqrt[J]{1 - \beta_0}$ should be written as $\beta^* = (\beta_0)^{\frac{1}{J}}$. This will have a considerable effect on the elements of Tables A.1 and A.2 pages 43 and 44 respectively.

Clause C.7.3, page 60, formula C.33 Replace by $\alpha^* \leq \alpha_0 < 1 - (1 - \alpha^*)^J$.

Clause C.7.3, page 60, formula C.34 Replace by $(\beta^*)^J < \beta_0 \leq \beta^*$.

Clause D.3.2.2, page 63, formula D.7 Replace by $P_a = 1 - 2(1 - P_{a,U})$.

Amendments issued since publication

Amd. No.	Date	Comments

This British Standard, having been prepared under the direction of the Management Systems Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 May 2001