

Fertilizers

Part 2: Sampling —

Section 2.10 Method of checking the performance of mechanical devices for sampling of solid fertilizer moving in bulk

UDC 631.8:620.115.2

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Chemicals Standards Policy Committee (CIC/-) to Technical Committee CIC/37, upon which the following bodies were represented:

- Association of Public Analysts
- British Aggregate Construction Materials Industries
- British Coal Corporation
- Chemical Industries Association
- Consumers' Association
- Department of Trade and Industry (Laboratory of the Government Chemist)
- Fertiliser Manufacturers' Association Ltd.
- Horticultural Trades Association
- Institute of Trading Standards Administration
- Ministry of Agriculture, Fisheries and Food
- Ministry of Defence

This British Standard, having been prepared under the direction of the Chemicals Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 February 1993

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The following BSI references relate to the work on this standard:
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National foreword

This Section of BS 5551 has been prepared under the direction of the Chemicals Standards Policy Committee.

For some years the United Kingdom has participated in the standardization of methods of sampling fertilizers through Subcommittee 2, Sampling, of Technical Committee 134, Fertilizers and soil conditioners, of the International Organization for Standardization (ISO). As international agreement is reached on the methods, it is proposed to publish them as Sections of BS 5551.

BS 5551 is published in four Parts, each Part being subdivided into Sections and, where appropriate, Subsections. The four Parts are

- *Part 1: Terminology and labelling;*
- *Part 2: Sampling;*
- *Part 3: Physical properties;*
- *Part 4: Chemical analysis.*

This Section of Part 2 is identical with ISO 5308:1992 *Solid fertilizers — Method of checking the performance of mechanical devices for sampling of product moving in bulk.*

Cross-references

International Standard	Corresponding British Standard
	BS 2846 <i>Guide to statistical interpretation of data</i>
ISO 2602:1980	Part 2:1981 <i>Estimation of the mean: confidence interval</i> (Identical)
ISO 3301:1975	Part 6:1976 <i>Comparison of two means in the case of paired observations</i> (Identical)
	BS 5532 <i>Statistical terminology</i>
ISO 3534:1977	Part 1:1978 <i>Glossary of terms relating to probability and general terms relating to statistics</i> (Identical)
	BS 5551 <i>Fertilizers</i>
ISO 3963:1977	Section 2.3:1978 <i>Sampling from a conveyor by stopping the belt [reference method]</i> (Identical)
ISO/TR 7553:1987	Section 2.7:1988 <i>Recommendations for minimum mass of increment of a solid fertilizer to be taken to be representative of the total sampling unit</i> (Identical)
ISO 7742:1988	Section 2.5:1989 <i>Method for reduction of samples of solid fertilizers</i> (Identical)
ISO 8397:1988	Section 3.5:1988 <i>Method for determination of particle size distribution by test sieving</i> (Identical)

With reference to 4.3, woven wire test sieves complying with BS 410:1986 are technically equivalent to, and may be used in place of, those complying with ISO 3310-1:1982. The Technical Committee has reviewed the provisions of ISO 3310-1:1982 and has decided that they are acceptable for use in conjunction with this standard.