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AS 1199.1-2003 (R2016) Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection

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Abbreviation

AS 1199.1-2003 (R2016)

Valid from

28/07/2003

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

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Cited By

[This resource is cited by 11 documents \(show Citations\)](#)

Description

This Standard specifies an acceptance sampling system for inspection by attributes. It is indexed in terms of the acceptance quality limit (AQL). Its purpose is to induce a supplier through the economic and psychological pressure of lot non-acceptance to maintain a process average at least as good as the specified acceptance quality limit, while at the same time providing an upper limit for the risk to the consumer of accepting the occasional poor lot.

Sampling schemes designated in this part of ISO 2859 are applicable, but not limited, to inspection of

- end items,
- components and raw materials,
- operations,
- materials in process,
- supplies in storage,
- maintenance operations,
- data or records, and
- administrative procedures.

These schemes are intended primarily to be used for a continuing series of lots, that is, a series long enough to allow the switching rules (9.3) to be applied.

These rules provide:

- a) a protection to the consumer (by means of a switch to tightened inspection or discontinuation of sampling inspection) should a deterioration in quality be detected;
- b) an incentive (at the discretion of the responsible authority) to reduce inspection costs (by means of a switch to reduced inspection) should consistently good quality be achieved.

Sampling plans in this Standard may also be used for the inspection of lots in isolation but, in this case the user is strongly advised to consult the operating characteristic curves to find a plan that will yield the desired protection (see 12.6). In that case, the user is also referred to the sampling plans indexed by limiting quality (LQ) given in AS 1199.2-2003 (R2016).

For assistance with locating previous versions, please contact the information provider.

Notes/comments

This Standard was reconfirmed 22 July 2016

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- [AS/NZS 1260:2009](#)
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- [AS/NZS 1477:2006](#)
AS 1199.1-2003 (R2016) is cited by AS/NZS 1477:2006 PVC pipes and fittings for pressure applications
- [AS/NZS 2642.1:2007](#)
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- [AS/NZS 2642.2:2008](#)
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- [AS/NZS 2728:2007](#)
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- [AS/NZS 2728:2013](#)
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- [AS/NZS 3518:2013](#)

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- [AS/NZS 4130:2009](#)

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- [AS/NZS 4765:2007](#)

AS 1199.1-2003 (R2016) is cited by AS/NZS 4765:2007 Modified polyvinyl chloride (PVC-M) pipes for pressure applications

- [AS/NZS 5065:2005](#)

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