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Guide to AS 1199—Sampling procedures and tables for inspection by attributes

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PREFACE

This Standard was prepared by Standard Australia's Committee on Statistical Quality Procedures, to supersede AS 1399—1973, as part of the organization's policy of revising older Standards.

In this edition the opportunity has been taken to cover the amendments made to AS 1199 in 1988, and to revise the format to facilitate information retrieval.

A major revision is the substitution of the words 'nonconformity' and 'nonconforming items' for the words 'defect' and 'defectives' in line with ISO policy of using 'nonconformity' to denote departure from specification, as opposed to 'defect' denoting the inability to satisfy normal usage requirements. In this Standard, the term defect is retained only to denote a nonconformity of a critical or hazardous nature.

In this Standard reference numbers in *square brackets* refer to the relevant numbers in AS 1199, whereas numbers in *round brackets* refer to relevant numbers in this Standard, i.e. numbers of Sections, Clauses, Pages, Tables and Figures.

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Australian Standard

Guide to AS 1199—Sampling procedures and tables for inspection by attributes

SECTION 1. SCOPE AND GENERAL

1.1 SCOPE. This Standard gives information on methods of acceptance sampling inspection with particular reference to the sampling procedures and tables for inspection by attributes, given in AS 1199. It explains the terms used, describes the various schemes and plans, gives practical advice on sampling inspection and discusses some of the theoretical aspects. This Standard applies only to sampling for inspection by attributes, that is, where the process being sampled yields items, results, or data which are classified as 'pass/fail; go/no go; conforming/nonconforming'; etc. The techniques and procedures of sampling for inspection by variables are not the concern of this Standard nor of AS 1199, these are dealt with in AS 2490, and related ISO, BS and US Standards. Clause (2.3) discusses the difference between these two types of inspection.

1.2 REFERENCED DOCUMENTS. The following documents are referred to in this Standard:

AS

1057 Quality assurance and quality control—Glossary of terms

1199 Sampling procedures and tables for inspection by attributes

2490 Sampling procedures and charts for inspection by variables for percent defective

ISO

2859 Sampling procedures and tables for inspection by attributes

US MIL STD

1235A Single and multilevel continuous sampling procedures and tables for inspection by attributes

1.3 DEFINITIONS. For the purpose of this Standard, the definitions in AS 1199 and AS 1057 apply.

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