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# Quality control—Variables charts—Guide

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This Australian Standard was prepared by Committee QR/4, Statistical Quality Procedures. It was approved on behalf of the Council of Standards Australia on 18 August 1992 and published on 15 February 1993.

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Australian Organization for Quality

Bureau of Steel Manufacturers of Australia

CSIRO, Division of Mathematics and Statistics

Federation of Automotive Products Manufacturers

Institute of Quality Assurance

National Association of Testing Authorities, Australia

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# PREFACE

This Standard has been prepared by the Standards Australia Committee on Statistical Quality Procedures, at the request of the Quality and Reliability Standards Advisory Committee.

The need for an Australian Standard to cover quality control of processes using variables charts has been referred to Standards Australia by the Australian Organization for Quality which was aware that the current Standards used by local industry (i.e. either BSI Standards or USA Standards) differed in both matters of definition and emphasis.

This Standard is the third in this series, the others being AS 3940, *Quality control—Guide to the use of control chart methods including Cusum techniques* and AS 3941, *Quality control—Guide for number non-conforming*.

This Standard is based on BS 5701, *Guide to number-defective charts for quality control* and BS 2564, *Control chart technique when manufacturing to a specification, with special reference to articles machined to dimensional tolerances*, it also draws on ANSI Standard 21.3.1958, *Control chart method of controlling quality during production*, and Ford Motor Co. document, *Continued process control and process capability improvement*.

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