

## CONTENT

		Page
	Foreword	v
	<b>PART I BASIC QUALITY CONTROL APPLICATIONS</b>	
1.	Fundamentals of Inspection	1
2.	Procedure in Installing Lot-By-Lot Inspection	5
3.	Sampling Continuous Products	24
4.	Installing Process Inspection	27
5.	Special Control Charts for use When Equipment is Old and Worn	39
6.	Applying Quality Control in the Plant	44
7.	Tolerances and Allowances in Interchangeable Manufacture	48
8.	Mass production Gaging	61
9.	Use of Inspection Data in Establishing Specifications	69
10.	Management Aspects of Quality Control	76
11.	A Typical Case History	81
12.	Statistical Basis of Modern Quality Control	96
13.	Mathematical Theory of Control Charts	108
	<b>PART II ADDITIONAL QUALITY CONTROL METHODS</b>	
14.	Further Discussion of Products Variability	127
15.	Control Charts Computed from Center Lines	136
16.	Acceptance Control Charts	146
17.	Control Charts for Percent Defective Product	153
18.	Analysis of Variance	165
19.	Statistical Tolerancing	177
20.	Additional Applications of Statistical Tolerancing	186
21.	Optimizing Processing Through Evolutionary Operation	198
	<b>PART III RELIABILITY</b>	
22.	Evaluation of Reliability	205
23.	Reliability Assurance	223
24.	Reliability Design	228
	Appendix I	239
	Index	243