CONTENTS

3
Introduction to Variation and Statistics   47

4
Organization of Data: Introduction to
Tables, Charts, and Graphs   83

5
Introduction to Probability and the Normal
Probability Distribution   129

6
Introduction to Control Charts   189

7
Additional Control Charts for Variables   263

8
Variables Charts for Limited Data   327

9
Attributes Control Charts   361

10
Interpreting Control Charts 397

11
Problem Solving 443

12
Gauge Capability 485

13
Acceptance Sampling   513

A
Basic Math Concepts and Probability   557

B
Charts and Tables 573

C
Glossary of Symbols 587

D
Lab Exercises 589

Answers to Exercises 605

Index 647