TESTING METHODS AND RELIABILITY
– POWER

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Testing Methods and Reliability —Power

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Contents

Preface

vii

Testing Methods and Reliability

1. The Need for Testing	1
1.1 The purpose of specifications; 1.2 British Standards; 1.3 Tests to verify performance under specified environments; 1.4 Testing of prototypes; 1.5 Pre-production testing; 1.6 Production testing; 1.7 Quality checks	
2. Reliability	9
2.1 The relationship between reliability and cost; 2.2 Designing for reliability; 2.3 Definitions relating to reliability; 2.4 Periods of failure; 2.5 Assessment of the reliability of equipment; 2.6 The probability of failure; 2.7 Failure due to incorrect operation; 2.8 Maintainability and availability	
3. Data Presentation, Distributions and Sampling	23
3.1 Frequency diagram; 3.2 Calculation of the arithmetic average (mean); 3.3 Measurement of scatter; 3.4 Standard deviation; 3.5 The normal distribution; 3.6 Estimation of experimental error; 3.7 Confidence limits; 3.8 Sampling	
4. Logarithmic Units	36
4.1 The decibel; 4.2 Current and voltage ratios; 4.3 Reference levels and logarithmic scales	
5. Instruments	46
5.1 Analogue-type instruments; 5.2 Meter sensitivity and accuracy; 5.3 Moving-coil instrument; 5.4 The moving-coil-rectifier instrument; 5.5 Shunts and multipliers; 5.6 Multirange and multipurpose instruments; 5.7 The moving-iron instrument; 5.8 The thermocouple instrument; 5.9 The electrodynamic instrument; 5.10 Electronic voltmeter; 5.11 Digital instruments; 5.12 The calibration of instruments	

6. Component Measurements	78
6.1 The measurement of resistance; 6.2 The measurement of capacitance, inductance and effective resistance; 6.3 Signal sources and detectors for a.c. bridges	

Testing Methods – Power

Power Test Equipment

7. Measurement of Power and Energy	97
---	-----------

7.1 Extension of wattmeter range; 7.2 Measurement of power in three-phase circuits; 7.3 Measurement of reactive-volt-amperes; 7.4 The induction-type instrument; 7.5 Adjustment and checking of energy meters; 7.6 Measurement of reactive-volt-ampere-hours

8. Measurement of Speed of Rotation and Temperature Rise	115
---	------------

8.1 Measurement of speed of rotation; 8.2 Measurement of temperature

9. Tests on Electrical Machines	124
--	------------

9.1 Tests to obtain the over-all efficiency of d.c. motors and generators; 9.2 Tests to obtain the over-all efficiency of a transformer; 9.3 Load and efficiency tests on a three-phase induction motor; 9.4 Tests on machines before connection to the supply

10. Cathode-ray Oscilloscope and its Applications	141
--	------------

10.1 Cathode-ray oscilloscope block diagram; 10.2 Measurements and applications

11. Measurements and Fault-finding on Valve and Transistor Amplifiers	153
--	------------

11.1 Measurement of amplifier gain; 11.2 Static measurements on valve and transistor amplifiers; 11.3 Testing of valves and transistors

12. Tests on Wiring Installations and Fault Location in Cables	164
---	------------

12.1 Testing of wiring installations; 12.2 Fault-testing on cables (lead-sheathed)

<i>Index</i>	173
--------------	------------

Preface

This book has been written primarily for electrical technicians studying for final examinations of the City and Guilds of London Institute course 281. It covers the subject of testing methods and reliability together with the power option – a companion volume covers testing methods and reliability, electronics. However, it is also suitable for technicians studying for the City and Guilds of London Institute courses 272 (Radio, Television and Electronics Technicians) and 285 (Electrical Installation Technicians), both of which include testing methods and reliability as a self-contained subject. In addition the book should also prove useful to those engaged on H.N.C. or Engineering Institute Membership courses where reliability and measurements are either compulsory or optional subjects.

Wherever possible the questions in the exercises at the ends of chapters have been taken from past papers of the City and Guilds of London Institute (C.G.L.I.), and I should like to record my thanks for the Institute's permission to use them, although I should emphasise that the answers given are my own and I must accept full responsibility for their accuracy.

Reference is made throughout the book to British Standard Specifications, and I am indebted to the British Standards Institution for their permission to reproduce definitions and extracts from some of their publications.

I should also like to thank colleagues at Worthing College of Further Education for their many helpful suggestions and, last but by no means least, my wife for her help and encouragement at all times.