

Contents

I	Preface	I
II	Introduction	III
III	Contents	V
IV	GENERAL READINGS ON MAINTENANCE	
	1 The EUT Maintenance Model	1
	<i>W.M.J. Geraerds</i>	
	2 Design of the Internal Maintenance Function through Functional Analysis	17
	<i>H. H. Martin</i>	
	3 Incident Reporting and Analysis in Maintenance: an application of safety management tools	31
	<i>T. van de Schaaf</i>	
	4 Life Cycle Costing: a tool for capital budgeting in a corporate environment?	43
	<i>F.P.D. van Bel</i>	
	5 Organisation of Product Information for Communication	53
	<i>W.G.A. Collaris</i>	
V	MAINTENANCE MANAGEMENT	
	6 Performance Centered Maintenance	61
	<i>C.W. Gits</i>	

7	Balancing Flexibility and Inventory in Repair Inventory Systems	71
	<i>H.F.M. de Haas</i>	
VI	MAINTENANCE AUDITING AND PERFORMANCE	
8	Maintenance Audits, a conceptual Framework	83
	<i>E.J.K. Rensen</i>	
9	Maintenance Improvement Project at State Oil Company, Surinam	95
	<i>G.H.V.M. Delahay, B.F. Nuboer</i>	
10	Concepts for Measuring Maintenance Performance	109
	<i>R. Dwight</i>	
11	Maintenance Performance Analysis: a Practical Approach	127
	<i>P. de Groote</i>	
12	Some Aspects of Measuring Maintenance Performance in the Process Industry	151
	<i>R.H.P.M. Arts, L. Mann Jr.</i>	
13	Managing the Performance of Maintenance Personnel	163
	<i>A. van Berkel, P. Janssen, H. Martin, H. van Tuijl</i>	
VII	RELIABILITY RELATED TOPICS	
14	Blending together Age - Replacement and Condition - Based Maintenance	189
	<i>A.K.S. Jardine</i>	
15	RCM, a Framework to integrate the Bottom-up and Top-down Improvement Processes	195
	<i>J.M.D. Timmerman</i>	
16	Operational Modelling of Preventive Maintenance of a Production Plant	217
	<i>A.H. Christer, W. Wang, R. Baker, J. Sharp, T. Wyant</i>	
17	Approximate Optimisation of Age & Block Renewal Schedules using the Beta Distribution	235
	<i>D. J. Sherwin</i>	

18 Bayesian Methods in Maintenance	251
<i>D. F. Percy</i>	
19 Criticality Assessment	257
<i>M. Ben-Daya, A. Raouf</i>	
20 Decision Theory in Maintenance Decision Making	265
<i>G.A. Bohoris, A.T. de Almeida</i>	
VIII BUILDING MAINTENANCE	
21 Participation in the Decision-making during Life-span of a Building	277
<i>H. Vroman</i>	
22 Determining a Maintenance Budget for Buildings	291
<i>K.L.J. de Bruyn, H.H. Martin</i>	
23 Building Maintenance and Modelling	311
<i>R.. Grimshaw</i>	
24 Markov decision Models for Building Maintenance: a case study	327
<i>R. Dekker, C. van Winden</i>	
IX PRODUCT SERVICE	
25 Definition, Scope and Importance of Product Support	343
<i>A.J.L. Bergmans</i>	
26 Logistics of Service Parts	359
<i>L. Fortuin</i>	
X REVIEW ON HISTORICAL DEVELOPMENTS IN MAINTENANCE	
27 Maintenance Management in the former GDR	375
<i>J. Kubein</i>	

- 28 Maintenance Education & Practice in Hungary 393
B. Simon, G. A. Bohoris

XI SPONSORS

- 29 Participation in the Decision-making process of a Building 403
M. Ben-Daya, I. Roubi
- 30 Decision Theory in Maintenance Decision Making 403
G. A. Bohoris, I. T. K. Karaman
- 31 Building Maintenance and Modeling 403
A. J. A. Brown, H. H. Martin
- 32 Markov decision Models for Building Maintenance: a case study 403
R. Dekker, C. van Wierden

- IX PRODUCT SERVICE 403
- 33 Definition, Scope and Importance of Product Support 403
A. J. A. Brown
- 34 Logistics of Service Parts 403
L. Fortina

- X REVIEW ON HISTORICAL DEVELOPMENTS IN MAINTENANCE 403
- 35 Maintenance Management in the Future 403
A. Kuehn
- 36 Distribution 403
D. J. Sherwin