

GUIDELINES FOR EVALUATION
OF
COOLING WATER TREATMENT EFFECTIVENESS

A.	Preface	1	
B.	Deposit Monitoring		
	I.	Introduction	2
	II.	Deposit Evaluation Methods	2
	III.	Critical Factors	3
	IV.	Interpretation	3
C.	Corrosion Monitoring		
	I.	Introduction	4
	II.	Use of Corrosion Coupons	4
	III.	Factors That Affect Measured Corrosion Rates	5
	IV.	Special Uses in Cooling Water Systems	7
	V.	How Corrosion Rates are Calculated	8
	VI.	Interpretation	9
	VII.	Electrical Methods of Measuring Corrosion Rates	10
		Figure 1	13
D.	Biological Monitoring		
	I.	Introduction	14
	II.	Visual Inspection	15
	III.	Analytical Methods	15
	IV.	Interpretation of Analytical Results	16
	V.	Physical Methods	17
E.	Bibliography		
	Deposit Monitoring	19	
	Corrosion Monitoring	22	
	Biological Monitoring	28	