

TABLE OF CONTENTS

1	SCOPE	64
2	BASIS FOR MAINTENANCE	64
2.1	GENERAL	64
2.2	OVERALL STRATEGY	65
2.3	CLASSIFICATION OF MAINTENANCE ACTIONS.....	65
2.4	MAINTENANCE RECORD	67
3	INSPECTION	67
3.1	GENERAL	67
3.2	ITEMS AND TOOLS FOR INSPECTION.....	67
3.3	LOCATIONS OF INSPECTION	68
3.4	CLASSIFICATION OF INSPECTIONS	68
3.4.1	General	68
3.4.2	Initial Inspection.....	68
3.4.3	Routine Inspections	68
3.4.4	Regular Inspections	68
3.4.5	Detailed Inspection.....	69
3.4.6	Extraordinary Inspection	69
3.5	MONITORING	69
4	DETERIORATION MECHANISMS AND PREDICTION	70
4.1	GENERAL	70
4.2	IDENTIFICATION OF DETERIORATION MECHANISM	70
4.3	DETERIORATION FACTORS.....	70
4.4	DETERMINATION OF DETERIORATION LEVEL AND RATE.....	71
5	EVALUATION AND DECISION MAKING	71
5.1	GENERAL	71
5.2	THRESHOLD LEVEL	71
5.3	EVALUATION OF INSPECTION RESULTS.....	71
5.4	COMPARISON AND FINAL DECISION	72
6	REMEDIAL ACTION	72
6.1	GENERAL	72
6.2	SELECTION OF REMEDIAL ACTION.....	73
6.3.1	Definition	73
6.3.2	Preparation	73
6.3.3	Execution.....	73
6.3.4	Methods and Materials	73
6.4	STRENGTHENING.....	74
6.4.1	General	74
6.4.2	Preparation	74
6.4.3	Execution.....	74
6.4.4	Methods and Materials	74
7	RECORD.....	75

7.1	GENERAL	75
7.2	PRESERVATION	75
7.3	METHOD AND ITEM OF RECORDING	75