

# TABLE OF CONTENTS

## VOLUME I

	<b>Page</b>
<b>Part 1. GENERAL PROVISIONS, DEFINITIONS, TRAINING AND SECURITY .....</b>	<b>19</b>
Chapter 1.1 - General provisions .....	21
1.1.1 Scope and application .....	21
1.1.2 Transport of radioactive material .....	22
1.1.3 Dangerous goods forbidden from transport.....	25
Chapter 1.2 - Definitions and units of measurement.....	27
1.2.1 Definitions .....	27
1.2.2 Units of measurement.....	35
Chapter 1.3 - Training .....	39
Chapter 1.4 Security provisions .....	41
1.4.1 General provisions .....	41
1.4.2 Security training .....	41
1.4.3 Provisions for high consequence dangerous goods .....	41
<b>Part 2. CLASSIFICATION .....</b>	<b>45</b>
Chapter 2.0 - Introduction .....	47
2.0.0 Responsibilities .....	47
2.0.1 Classes, divisions, packing groups .....	47
2.0.2 UN numbers and proper shipping names.....	48
2.0.3 Precedence of hazard characteristics .....	50
2.0.4 Transport of samples .....	52
Chapter 2.1 - Class 1 - Explosives.....	53
2.1.1 Definitions and general provisions .....	53
2.1.2 Compatibility groups .....	55
2.1.3 Classification procedure .....	57
Chapter 2.2 - Class 2 - Gases .....	69
2.2.1 Definitions and general provisions .....	69
2.2.2 Divisions .....	69
2.2.3 Mixtures of gases .....	70
Chapter 2.3 - Class 3 - Flammable liquids .....	73
2.3.1 Definition and general provisions.....	73
2.3.2 Assignment of packing groups .....	74
2.3.3 Determination of flash point.....	75

## TABLE OF CONTENTS (cont'd)

### VOLUME I

	<b>Page</b>
Chapter 2.4 - Class 4 - Flammable solids; substances liable to spontaneous combustion; substances which, in contact with water, emit flammable gases .....	77
2.4.1 Definitions and general provisions .....	77
2.4.2 Division 4.1 - Flammable solids, self-reactive substances and solid desensitized explosives .....	78
2.4.3 Division 4.2 - Substances liable to spontaneous combustion .....	89
2.4.4 Division 4.3 - Substances which in contact with water emit flammable gases .....	90
2.4.5 Classification of organometallic substances .....	91
Chapter 2.5 - Class 5 - Oxidizing substances and organic peroxides .....	93
2.5.1 Definitions and general provisions .....	93
2.5.2 Division 5.1 - Oxidizing substances .....	93
2.5.3 Division 5.2 - Organic peroxides .....	95
Chapter 2.6 - Class 6 -Toxic and infectious substances .....	113
2.6.1 Definitions .....	113
2.6.2 Division 6.1 - Toxic substances.....	113
2.6.3 Division 6.2 - Infectious substances .....	119
Chapter 2.7 - Class 7 - Radioactive material .....	125
2.7.1 Definition of Class 7.....	125
2.7.2 Definitions .....	125
2.7.3 Low specific activity (LSA) material, determination of groups.....	128
2.7.4 Requirements for special form radioactive material.....	129
2.7.5 Surface contaminated object (SCO), determination of groups .....	131
2.7.6 Determination of transport index and criticality safety index (CSI) .....	132
2.7.7 Activity limits and material restrictions .....	133
2.7.8 Limits on transport index (TI), criticality safety index (CSI), radiation levels for packages and overpacks .....	153
2.7.9 Requirements and controls for transport of excepted packages .....	154
2.7.10 Requirements for low dispersible radioactive material .....	156
Chapter 2.8 - Class 8 - Corrosive substances .....	157
2.8.1 Definition .....	157
2.8.2 Assignment of packing groups .....	157
Chapter 2.9 - Class 9 - Miscellaneous dangerous substances and articles .....	159
2.9.1 Definitions .....	159
2.9.2 Assignment to Class 9 .....	159
2.9.3 Environmentally hazardous substances (aquatic environment).....	159

## TABLE OF CONTENTS (cont'd)

### VOLUME I

	Page
<b>Part 3. DANGEROUS GOODS LIST AND LIMITED QUANTITIES EXCEPTIONS.....</b>	171
Chapter 3.1 - General .....	173
3.1.1 Scope and general provisions .....	173
3.1.2 Proper shipping name .....	173
3.1.3 Mixtures and solutions containing one dangerous substance .....	175
Chapter 3.2 - Dangerous goods list .....	177
3.2.1 Structure of the dangerous goods list .....	177
3.2.2 Abbreviations and symbols .....	178
Chapter 3.3 - Special provisions applicable to certain articles or substances.....	301
Chapter 3.4 - Dangerous goods packed in limited quantities .....	319
<b>APPENDICES .....</b>	321
Appendix A - List of generic and N.O.S. proper shipping names .....	323
Appendix B - Glossary of terms .....	343
<b>ALPHABETICAL INDEX OF SUBSTANCES AND ARTICLES.....</b>	355