

## TABLE OF CONTENTS

## VOLUME I

Page

<b>EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS (ADN).....</b>	<b>xi</b>
<b>ANNEXED REGULATIONS .....</b>	<b>1</b>
<b>PART 1 GENERAL PROVISIONS.....</b>	<b>3</b>
<b>Chapter 1.1 Scope and applicability</b>	
1.1.1 Structure.....	5
1.1.2 Scope.....	5
1.1.3 Exemptions .....	6
1.1.4 Applicability of other regulations .....	9
<b>Chapter 1.2 Definitions and units of measurement</b>	
1.2.1 Definitions .....	11
1.2.2 Units of measurement .....	40
<b>Chapter 1.3 Training of persons involved in the carriage of dangerous goods</b>	
1.3.1 Scope and applicability .....	43
1.3.2 Nature of the training .....	43
1.3.3 Documentation.....	44
<b>Chapter 1.4 Safety obligations of the participants</b>	
1.4.1 General safety measures .....	45
1.4.2 Obligations of the main participants .....	45
1.4.3 Obligations of the other participants.....	47
<b>Chapter 1.5 Special rules, derogations</b>	
1.5.1 Bilateral and multilateral agreements .....	53
1.5.2 Special authorizations concerning transport in tank vessels .....	53
1.5.3 Equivalents and derogations (Article 7, paragraph 3 of ADN).....	54
<b>Chapter 1.6 Transitional measures</b>	
1.6.1 General.....	55
1.6.2 Pressure receptacles and receptacles for Class 2.....	56
1.6.3 Fixed tanks (tank-vehicles and tank wagons), demountable tanks, battery vehicles and battery wagons .....	56
1.6.4 Tank-containers, portable tanks and MEGCs .....	56
1.6.5 Vehicles .....	56
1.6.6 Class 7.....	56
1.6.7 Transitional provisions concerning vessels.....	57
<b>Chapter 1.7 General provisions concerning class 7</b>	
1.7.1 Scope and application .....	99
1.7.2 Radiation protection programme .....	100
1.7.3 Quality assurance .....	101
1.7.4 Special arrangement.....	101
1.7.5 Radioactive material possessing other dangerous properties.....	102
1.7.6 Non-compliance.....	102

**Table of contents (cont'd)**

<b>Chapter 1.8</b>	<b>Checks and other support measures to ensure compliance with safety requirements</b>	
1.8.1	Monitoring compliance with requirements .....	103
1.8.2	Administrative assistance during the checking of a foreign vessel.....	104
1.8.3	Safety adviser.....	104
1.8.4	List of competent authorities and bodies designated by them .....	111
1.8.5	Notifications of occurrences involving dangerous goods .....	111
<b>Chapter 1.9</b>	<b>Transport restrictions by the competent authorities .....</b>	<b>117</b>
<b>Chapter 1.10</b>	<b>Security provisions</b>	
1.10.1	General provisions .....	119
1.10.2	Security training.....	119
1.10.3	Provisions for high consequence dangerous goods.....	119
<b>Chapters 1.11 to 1.14</b>	<i>(Reserved)</i>	
<b>Chapter 1.15</b>	<b>Recognition of classification societies</b>	
1.15.1	General.....	125
1.15.2	Procedure for the recognition of classification societies.....	125
1.15.3	Conditions and criteria for the recognition of a classification society applying for recognition under this Agreement.....	126
1.15.4	Obligations of recommended classification societies .....	127
<b>Chapter 1.16</b>	<b>Procedure for the issue of the certificate of approval</b>	
1.16.1	Certificate of approval .....	129
1.16.2	Issue and recognition of certificates of approval .....	130
1.16.3	Inspection procedure .....	130
1.16.4	Inspection body.....	130
1.16.5	Application for the issue of a certificate of approval.....	131
1.16.6	Particulars entered in the certificate of approval and amendments thereto .....	131
1.16.7	Presentation of the vessel for inspection.....	131
1.16.8	First inspection.....	131
1.16.9	Special inspection .....	131
1.16.10	Periodic inspection and renewal of the certificate of approval .....	132
1.16.11	Extension of the certificate of approval without an inspection.....	132
1.16.12	Official inspection.....	132
1.16.13	Withholding and return of the certificate of approval.....	132
1.16.14	Duplicate copy .....	133
1.16.15	Register of certificates of approval .....	133
<b>PART 2</b>	<b>CLASSIFICATION .....</b>	<b>(See Volume II)</b>
<b>PART 3</b>	<b>DANGEROUS GOODS LIST, SPECIAL PROVISIONS AND EXEMPTIONS RELATED TO LIMITED AND EXCEPTED QUANTITIES .....</b>	<b>137</b>
<b>Chapter 3.1</b>	<b>General.....</b>	<b>(See Volume II)</b>
<b>Chapter 3.2</b>	<b>List of dangerous goods</b>	
3.2.1	Table A: List of dangerous goods in numerical order .....	(See Volume II)

**Table of contents (cont'd)**

3.2.2	Table B:	List of dangerous goods in alphabetical order.....(See Volume II)	
3.2.3	Table C:	List of dangerous goods accepted for carriage in tank vessels in numerical order.....	141
3.2.4		Modalities for the application of section 1.5.2 on special authorizations concerning transport in tank vehicles.....	215
<b>Chapter 3.3</b>	<b>Special provisions applicable to certain articles or substances</b>	.....(See Volume II)	
<b>Chapter 3.4</b>	<b>Dangerous goods packed in limited quantities</b>	.....(See Volume II)	
<b>Chapter 3.5</b>	<b>Dangerous goods packed in excepted quantities</b>	.....(See Volume II)	
<b>PART 4</b>	<b>PROVISIONS CONCERNING THE USE OF PACKAGINGS, TANKS AND BULK CARGO TRANSPORT UNITS</b>	.....	231
<b>Chapter 4.1</b>	<b>General provisions</b>	.....	233
<b>PART 5</b>	<b>CONSIGNMENT PROCEDURES</b>	.....	235
<b>Chapter 5.1</b>	<b>General provisions</b>		
5.1.1		Application and general provisions.....	237
5.1.2		Use of overpacks.....	237
5.1.3		Empty uncleaned packagings (including IBCs and large packagings), tanks, MEMUs, vehicles, wagons and containers for carriage in bulk .....	237
5.1.4		Mixed packing .....	238
5.1.5		General provisions for Class 7 .....	238
<b>Chapter 5.2</b>	<b>Marking and labelling</b>		
5.2.1		Marking of packages.....	245
5.2.2		Labelling of packages .....	249
<b>Chapter 5.3</b>	<b>Placarding and marking of containers, MEGCs, MEMUs, tank-containers, portable tanks, vehicles and wagons</b>		
5.3.1		Placarding .....	257
5.3.2		Orange-coloured plate marking .....	260
5.3.3		Mark for elevated temperature substances.....	266
5.3.4		Marking for carriage in a transport chain including maritime transport .....	267
5.3.5		<i>(Reserved)</i> .....	268
5.3.6		Environmentally hazardous substance mark.....	268
<b>Chapter 5.4</b>	<b>Documentation</b>		
5.4.0		General.....	269
5.4.1		Dangerous goods transport document and related information .....	269
5.4.2		Large container, vehicle or wagon packing certificate .....	279
5.4.3		Instructions in writing .....	281
5.4.4		Retention of dangerous goods transport information.....	286
5.4.5		Example of a multimodal dangerous goods form .....	286

**Table of contents (cont'd)**

<b>Chapter 5.5</b>	<b>Special provisions</b>	
5.5.1	<i>(Deleted)</i>	
5.5.2	Special provisions applicable to fumigated cargo transport units (UN 3359) .....	290
<b>PART 6</b>	<b>REQUIREMENTS FOR THE CONSTRUCTION AND TESTING OF PACKAGINGS (INCLUDING IBCS AND LARGE PACKAGINGS), TANKS AND BULK CARGO TRANSPORT UNITS .....</b>	<b>293</b>
<b>PART 7</b>	<b>REQUIREMENTS CONCERNING LOADING, CARRIAGE, UNLOADING AND HANDLING OF CARGO .....</b>	<b>297</b>
<b>Chapter 7.1</b>	<b>Dry cargo vessels</b>	
7.1.0	General requirements .....	299
7.1.1	Mode of carriage of goods .....	299
7.1.2	Requirements applicable to vessels.....	300
7.1.3	General service requirements.....	301
7.1.4	Additional requirements concerning loading, carriage, unloading and other handling of the cargo.....	304
7.1.5	Additional requirements concerning the operation of vessels .....	318
7.1.6	Additional requirements.....	321
<b>Chapter 7.2</b>	<b>Tank vessels</b>	
7.2.0	General requirements .....	325
7.2.1	Mode of carriage of goods .....	325
7.2.2	Requirements applicable to vessels.....	325
7.2.3	General service requirements.....	327
7.2.4	Additional requirements concerning loading, carriage, unloading and other handling of cargo .....	333
7.2.5	Additional requirements concerning the operation of vessels .....	342
<b>PART 8</b>	<b>PROVISIONS FOR VESSEL CREWS, EQUIPMENT, OPERATION AND DOCUMENTATION.....</b>	<b>345</b>
<b>Chapter 8.1</b>	<b>General requirements applicable to vessels and equipment</b>	
8.1.1	<i>(Reserved)</i>	
8.1.2	Documents .....	347
8.1.3	<i>(Reserved)</i>	
8.1.4	Fire-extinguishing arrangements.....	349
8.1.5	Special equipment.....	349
8.1.6	Checking and inspection of equipment.....	350
8.1.7	Electrical installations .....	350
8.1.8	Certificate of approval .....	351
8.1.9	Provisional certificate of approval .....	352
8.1.10	<i>(Deleted)</i>	
8.1.11	Register of operations during carriage relating to the carriage of UN 1203 .....	352
<b>Chapter 8.2</b>	<b>Requirements concerning training</b>	
8.2.1	General requirements concerning training of experts .....	353
8.2.2	Special requirements for the training of experts .....	354

**Table of contents (cont'd)**

<b>Chapter 8.3</b>	<b>Miscellaneous requirements to be complied with by the crew of the vessel</b>	
8.3.1	Persons authorized on board .....	365
8.3.2	Portable lamps.....	366
8.3.3	Admittance on board.....	366
8.3.4	Prohibition on smoking, fire and naked light.....	366
8.3.5	Danger caused by work on board.....	366
<b>Chapter 8.4</b>	<i>(Reserved)</i> .....	367
<b>Chapter 8.5</b>	<i>(Reserved)</i> .....	369
<b>Chapter 8.6</b>	<b>Documents</b>	
8.6.1	Certificate of approval .....	371
8.6.2	Certificate of special knowledge of ADN according to 8.2.1.3, 8.2.1.5 or 8.2.1.7 .....	380
8.6.3	Checklist ADN.....	381
8.6.4	<i>(Deleted)</i>	
<b>PART 9</b>	<b>RULES FOR CONSTRUCTION</b> .....	389
<b>Chapter 9.1</b>	<b>Rules for construction of dry cargo vessels</b>	
9.1.0	Rules for construction applicable to dry cargo vessels .....	391
<b>Chapter 9.2</b>	<b>Rules for construction applicable to seagoing vessels which comply with the requirements of the SOLAS 74 Convention, Chapter II-2, Regulation 19 or SOLAS 74, Chapter II-2, Regulation 54</b> .....	407
<b>Chapter 9.3</b>	<b>Rules for construction of tank vessels</b>	
9.3.1	Rules for construction of type G tank vessels.....	413
9.3.2	Rules for construction of type C tank vessels.....	441
9.3.3	Rules for construction of type N tank vessels.....	473
9.3.4	Alternative constructions .....	506