

# CONTENTS

<b>PART 1</b>	<b>GENERAL PROVISIONS</b>	
<b>SECTION 1.1.</b>	<b>GENERAL DEFINITIONS AND NOTIFICATION OF ANIMAL DISEASES</b>	
Chapter 1.1.1.	General definitions	3
Chapter 1.1.2.	Notification and epidemiological information	13
<b>SECTION 1.2.</b>	<b>OBLIGATIONS AND ETHICS IN INTERNATIONAL TRADE</b>	
Chapter 1.2.1.	General obligations	15
Chapter 1.2.2.	Certification procedures	18
<b>SECTION 1.3.</b>	<b>RISK ANALYSIS</b>	
Chapter 1.3.1.	General considerations	21
Chapter 1.3.2.	Guidelines for import risk analysis	23
Chapter 1.3.3.	Evaluation of Veterinary Services	28
Chapter 1.3.4.	Guidelines for the evaluation of Veterinary Services	32
Chapter 1.3.5.	Zoning and compartmentalisation	50
Chapter 1.3.6.	Guidelines for reaching a judgement of equivalence of sanitary measures	54
<b>SECTION 1.4.</b>	<b>IMPORT/EXPORT PROCEDURES</b>	
Chapter 1.4.1.	Animal health measures applicable before and at departure	59
Chapter 1.4.2.	Animal health measures applicable during transit from the place of departure in the exporting country to the place of arrival in the importing country	61
Chapter 1.4.3.	Border posts and quarantine stations in the importing country	64
Chapter 1.4.4.	Animal health measures applicable on arrival	66
Chapter 1.4.5.	International transfer and laboratory containment of animal pathogens	70
<b>SECTION 1.5.</b>	<b>RISK ANALYSIS FOR BIOLOGICALS FOR VETERINARY USE</b>	
Chapter 1.5.1.	General considerations	75
Chapter 1.5.2.	Risk analysis for veterinary vaccines	76
Chapter 1.5.3.	Risk analysis for biologicals for veterinary use other than vaccines	79
<b>PART 2</b>	<b>RECOMMENDATIONS APPLICABLE TO SPECIFIC DISEASES</b>	
<b>SECTION 2.1.</b>	<b>OIE LISTED DISEASES</b>	
Chapter 2.1.1.	Criteria for listing diseases	83
<b>SECTION 2.2.</b>	<b>MULTIPLE SPECIES DISEASES</b>	
Chapter 2.2.1.	Anthrax	89
Chapter 2.2.2.	Aujeszký's disease	91
Chapter 2.2.3.	Echinococcosis/hydatidosis	100
Chapter 2.2.4.	Leptospirosis	101
Chapter 2.2.5.	Rabies	102
Chapter 2.2.6.	Paratuberculosis	105
Chapter 2.2.7.	Heartwater	106
Chapter 2.2.8.	New world screwworm ( <i>Cochliomyia hominivorax</i> ) and old world screwworm ( <i>Chrysomya bezziana</i> )	107

Chapter 2.2.9.	Trichinellosis ( <i>Trichinella spiralis</i> )	109
Chapter 2.2.10.	Foot and mouth disease	111
Chapter 2.2.11.	Vesicular stomatitis	123
Chapter 2.2.12.	Rinderpest	126
Chapter 2.2.13.	Bluetongue	135
Chapter 2.2.14.	Rift Valley fever	142
Chapter 2.2.15.	Japanese encephalitis	146
Chapter 2.2.16.	Tularemia	147
<b>SECTION 2.3.</b>	<b>CATTLE DISEASES</b>	
Chapter 2.3.1.	Bovine brucellosis	149
Chapter 2.3.2.	Bovine genital campylobacteriosis	153
Chapter 2.3.3.	Bovine tuberculosis	155
Chapter 2.3.4.	Enzootic bovine leukosis	158
Chapter 2.3.5.	Infectious bovine rhinotracheitis/ infectious pustular vulvovaginitis	161
Chapter 2.3.6.	Trichomonosis	164
Chapter 2.3.7.	Bovine anaplasmosis	166
Chapter 2.3.8.	Bovine babesiosis	167
Chapter 2.3.9.	Bovine cysticercosis	168
Chapter 2.3.10.	Dermatophilosis	169
Chapter 2.3.11.	Theileriosis	170
Chapter 2.3.12.	Haemorrhagic septicaemia ( <i>Pasteurella multocida</i> serotypes 6:b and 6:e)	171
Chapter 2.3.13.	Bovine spongiform encephalopathy	173
Chapter 2.3.14.	Lumpy skin disease (caused by group III virus, type Neethling)	181
Chapter 2.3.15.	Contagious bovine pleuropneumonia	184
<b>SECTION 2.4.</b>	<b>SHEEP AND GOAT DISEASES</b>	
Chapter 2.4.1.	Ovine epididymitis ( <i>Brucella ovis</i> )	189
Chapter 2.4.2.	Caprine and ovine brucellosis (excluding <i>Brucella ovis</i> )	191
Chapter 2.4.3.	Contagious agalactia	196
Chapter 2.4.4.	Caprine arthritis/encephalitis	197
Chapter 2.4.5.	Maedi-visna	198
Chapter 2.4.6.	Contagious caprine pleuropneumonia	199
Chapter 2.4.7.	Enzootic abortion of ewes (Ovine chlamydiosis)	202
Chapter 2.4.8.	Scrapie	204
Chapter 2.4.9.	Peste des petits ruminants	209
Chapter 2.4.10.	Sheep pox and goat pox	215
<b>SECTION 2.5.</b>	<b>EQUINE DISEASES</b>	
Chapter 2.5.1.	Contagious equine metritis	219
Chapter 2.5.2.	Dourine	221
Chapter 2.5.3.	Equine encephalomyelitis (Eastern and Western)	223
Chapter 2.5.4.	Equine infectious anaemia	224
Chapter 2.5.5.	Equine influenza	225
Chapter 2.5.6.	Equine piroplasmosis	227
Chapter 2.5.7.	Equine rhinopneumonitis	228
Chapter 2.5.8.	Glanders	229
Chapter 2.5.9.	Horse pox	231
Chapter 2.5.10.	Equine viral arteritis	232
Chapter 2.5.11.	Horse mange	234
Chapter 2.5.12.	Venezuelan equine encephalomyelitis	235
Chapter 2.5.13.	Epizootic lymphangitis	237
Chapter 2.5.14.	African horse sickness	238
<b>SECTION 2.6.</b>	<b>SWINE DISEASES</b>	

Chapter 2.6.1.	Atrophic rhinitis of swine	243
Chapter 2.6.2.	Porcine brucellosis	244
Chapter 2.6.3.	Enterovirus encephalomyelitis (previously Teschen/Talfan disease)	246
Chapter 2.6.4.	Transmissible gastroenteritis	251
Chapter 2.6.5.	Swine vesicular disease	253
Chapter 2.6.6.	African swine fever	258
Chapter 2.6.7.	Classical swine fever	264
<b>SECTION 2.7.</b>	<b>AVIAN DISEASES</b>	
Chapter 2.7.1.	Infectious bursal disease (Gumboro disease)	273
Chapter 2.7.2.	Marek's disease	275
Chapter 2.7.3.	Avian mycoplasmosis ( <i>Mycoplasma gallisepticum</i> )	277
Chapter 2.7.4.	Avian chlamydiosis	279
Chapter 2.7.5.	Fowl typhoid and pullorum disease	280
Chapter 2.7.6.	Avian infectious bronchitis	282
Chapter 2.7.7.	Avian infectious laryngotracheitis	284
Chapter 2.7.8.	Avian tuberculosis	286
Chapter 2.7.9.	Duck virus hepatitis	288
Chapter 2.7.10.	Duck virus enteritis	290
Chapter 2.7.11.	Fowl cholera	292
Chapter 2.7.12.	Avian influenza	294
Chapter 2.7.13.	Newcastle disease	301
<b>SECTION 2.8.</b>	<b>LAGOMORPH DISEASES</b>	
Chapter 2.8.1.	Myxomatosis	307
Chapter 2.8.2.	Rabbit haemorrhagic disease	308
<b>SECTION 2.9.</b>	<b>BEE DISEASES</b>	
Chapter 2.9.1.	Acarapisosis of honey bees	313
Chapter 2.9.2.	American foulbrood of honey bees	316
Chapter 2.9.3.	European foulbrood of honey bees	319
Chapter 2.9.4.	Varroosis of honey bees	322
Chapter 2.9.5.	<i>Tropilaelaps</i> infestation of honey bees	325
<b>SECTION 2.10.</b>	<b>OTHER DISEASES</b>	
Chapter 2.10.1.	Zoonoses transmissible from non-human primates	329
Chapter 2.10.2.	<i>Salmonella enteritidis</i> and <i>Salmonella typhimurium</i> in poultry	335
<b>PART 3</b>	<b>APPENDICES</b>	
<b>SECTION 3.1.</b>	<b>DIAGNOSTIC TESTS FOR INTERNATIONAL TRADE PURPOSES</b>	
Appendix 3.1.1.	Prescribed and alternative diagnostic tests for OIE listed diseases	339
<b>SECTION 3.2.</b>	<b>COLLECTION AND PROCESSING OF SEMEN</b>	
Appendix 3.2.1.	Bovine and small ruminant semen	345
Appendix 3.2.2.	Porcine semen	354
<b>SECTION 3.3.</b>	<b>COLLECTION AND PROCESSING OF EMBRYOS/OVA</b>	
Appendix 3.3.1.	<i>In vivo</i> derived embryos	357
Appendix 3.3.2.	<i>In vitro</i> fertilised bovine embryos/ <i>in vitro</i> maturing oocytes	363
Appendix 3.3.3.	Micromanipulated bovine embryos	367
Appendix 3.3.4.	Laboratory rodent and rabbit embryos/ova	370
Appendix 3.3.5.	Categorisation of diseases and pathogenic agents by the International Embryo Transfer Society	374
<b>SECTION 3.4.</b>	<b>BIOSECURITY IN ESTABLISHMENTS</b>	

Appendix 3.4.1.	Hygiene and disease security procedures in poultry breeding flocks and hatcheries	379
Appendix 3.4.2.	Hygiene and disease security procedures in apiaries	387
Appendix 3.4.3.	Hygiene precautions, identification, blood sampling and vaccination	390
<b>SECTION 3.5.</b>	<b>QUARANTINE RECOMMENDATIONS</b>	
Appendix 3.5.1.	Quarantine measures applicable to non-human primates	391
<b>SECTION 3.6.</b>	<b>INACTIVATION OF PATHOGENS AND VECTORS</b>	
Appendix 3.6.1.	General recommendations on disinfection and disinsectisation	395
Appendix 3.6.2.	Foot and mouth disease virus inactivation procedures	396
Appendix 3.6.3.	Procedures for the reduction of infectivity of transmissible spongiform encephalopathy agents	399
Appendix 3.6.4.	Classical swine fever virus inactivation procedures	400
<b>SECTION 3.7.</b>	<b>ANIMAL WELFARE</b>	
Appendix 3.7.1.	Introduction to the guidelines for animal welfare	401
Appendix 3.7.2.	Guidelines for the transport of animals by sea	403
Appendix 3.7.3.	Guidelines for the transport of animals by land	415
Appendix 3.7.4.	Guidelines for the transport of animals by air	428
Appendix 3.7.5.	Guidelines for the slaughter of animals for human consumption	437
Appendix 3.7.6.	Guidelines for the killing of animals for disease control purposes	459
<b>SECTION 3.8.</b>	<b>GENERAL GUIDELINES AND SURVEILLANCE FOR SPECIFIC DISEASES</b>	
Appendix 3.8.1.	General guidelines for animal health surveillance	481
Appendix 3.8.2.	Surveillance for rinderpest	492
Appendix 3.8.3.	Surveillance for contagious bovine pleuropneumonia	498
Appendix 3.8.4.	Surveillance for bovine spongiform encephalopathy	508
Appendix 3.8.5.	Factors to consider in conducting the bovine spongiform encephalopathy risk assessment recommended in chapter 2.3.13.	513
Appendix 3.8.6.	Principles for recognising a country or zone historically free from scrapie	518
Appendix 3.8.7.	Guidelines for the surveillance of foot and mouth disease	519
Appendix 3.8.8.	Guidelines for the surveillance of classical swine fever	527
Appendix 3.8.9.	Guidelines for the surveillance of avia influenza	534
<b>SECTION 3.9.</b>	<b>ANTIMICROBIAL RESISTANCE</b>	
Appendix 3.9.1.	Guidelines for the harmonisation of national antimicrobial resistance surveillance and monitoring programmes	545
Appendix 3.9.2.	Guidelines for the monitoring of the quantities of antimicrobials used in animal husbandry	552
Appendix 3.9.3.	Guidelines for the responsible and prudent use of antimicrobial agents in veterinary medicine	555
Appendix 3.9.4.	Risk assessment for antimicrobial resistance arising from the use of antimicrobials in animals	564
<b>PART 4</b>	<b>MODEL INTERNATIONAL VETERINARY CERTIFICATES</b>	
<b>SECTION 4.1.</b>	<b>MODEL INTERNATIONAL VETERINARY CERTIFICATES FOR LIVE ANIMALS</b>	
Appendix 4.1.1.	Model international veterinary certificate for dogs and cats originating from rabies infected countries	573
Appendix 4.1.2.	Model international veterinary certificate for domestic or wild animals of the bovine, bubaline, ovine, caprine or porcine species	579
Appendix 4.1.3.	Model international veterinary certificate for semen of animals of the bovine, bubaline, equine, ovine, caprine or porcine species	583
Appendix 4.1.4.	Model international veterinary certificate for equines	587

---

Appendix 4.1.5.	Model passport for international movement of competition horses	591
Appendix 4.1.6.	Model International veterinary certificate for birds	607
Appendix 4.1.7.	Model international veterinary certificate for day-old birds and hatching eggs	611
Appendix 4.1.8.	Model international veterinary certificate for rabbits	615
Appendix 4.1.9.	Model international veterinary certificate for bees and brood-combs	619
<b>SECTION 4.2.</b>	<b>MODEL INTERNATIONAL VETERINARY CERTIFICATE FOR PRODUCTS OF ANIMAL ORIGIN</b>	
Appendix 4.2.1.	Model international veterinary certificate for meat of domestic animals of the bovine, bubaline, equine, ovine, caprine or porcine species or of poultry	623
Appendix 4.2.2.	Model international veterinary certificate for products of animal origin destined for use in animal feeding, or for agricultural or industrial or pharmaceutical or surgical use	627