

Association of Public Analysts

Mastership in Chemical Analysis Examination

Training Guide

Legislation (2006 Edition)

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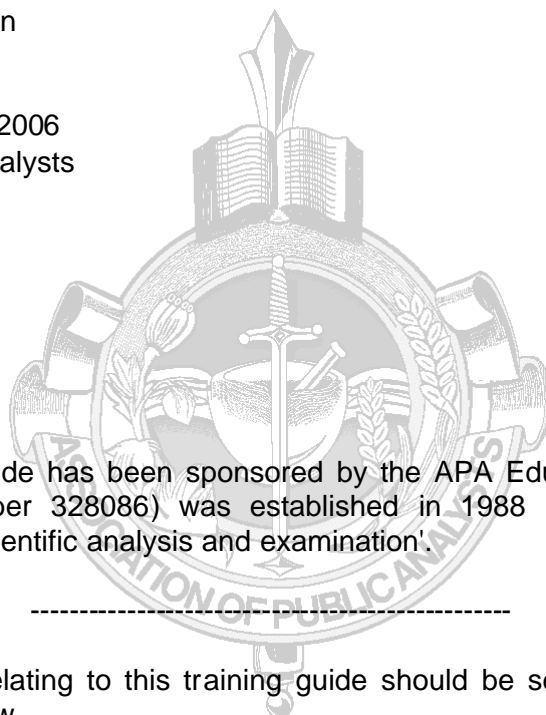
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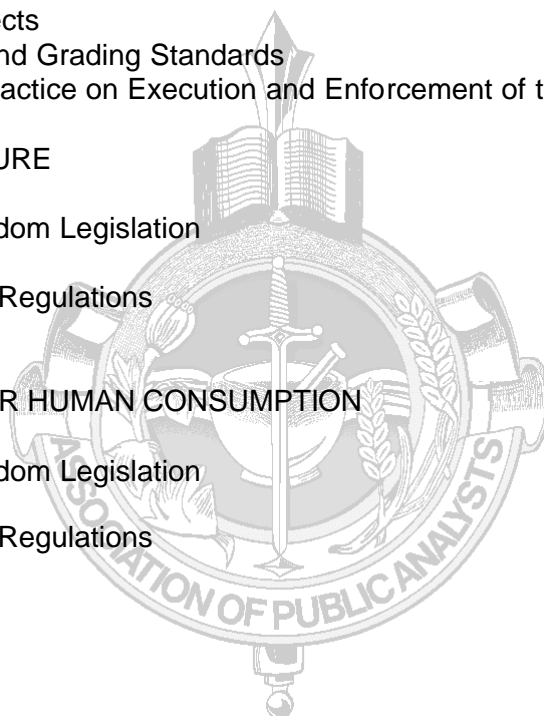
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FOREWORD

This training guide is one of a series produced by the Association of Public Analysts for use in the profession. It is particularly directed at candidates preparing for the Mastership in Chemical Analysis (MChemA) examination.

The MChemA is the qualification prescribed by the Food Safety (Sampling and Qualifications) Regulations 1990 for a person to be appointed as a Public Analyst in the United Kingdom. These regulations also provide that the MChemA is an authorised qualification for a person to practice as a Food Examiner. Additionally, the qualification is a prescribed option in the Fertilisers (Sampling and Analysis) Regulations 1996 and the Feeding Stuffs (Sampling and Analysis) Regulations 1999 for a person to be appointed as an Agricultural Analyst in the United Kingdom. Furthermore, the MChemA has been recognised in the European Council Directive on a General System for the Recognition of Higher Education Diplomas (89/48/EEC). Responsibility for the examination and the award of a Mastership remain with the Royal Society of Chemistry, from which copies of current regulations and syllabus for the examination may be obtained.

Candidates using this book should be alert to the following matters.

1. The decision has been taken to drop EU legislation from this edition. Nearly all UK food legislation now implements EU Directives and these are referenced in the UK legislation. Readers should therefore use this mechanism to backtrack relevant EU legislation.
2. The lists of legislation presented here are not intended to be a comprehensive coverage of all instruments in the topic areas. Rather, the entries reflect the Training Committee's view of instruments that should be studied, and it is acknowledged that examiners may take a slightly different view. Also, the Committee has refrained from grading entries according to their importance or peripheral interest for Public Analysts or Food Examiners; that judgement must be for the candidate and his/her counsellors.
3. Although the Committee has considered the special needs of candidates working in Scotland, Northern Ireland and other places as regards legislation, a decision has been taken not to include instruments issued specifically for those areas.
4. New and amending regulations, on any given topic often amend more than one regulation on an entirely different topic within that general subject area. Thus, for example the Cocoa and Chocolate Products (England) Regulations 2003 amend many regulations, including those on Miscellaneous Food Additives and Food Labelling. Hence, candidates need an overview of relevant legislation in order to know the up-to-date content of any act or statutory instrument.

Other training guides published by the Association of Public Analysts include the 'Study Guide for the MChemA', 'Candidate's Record of Professional Training and Experience', 'Microscopy (2nd Edition)', 'Certificate Writing', 'Food Complaints' and 'Labelling of Food, Bottled Water and Agricultural Materials'. This guide on 'Legislation' complements the series. However, statutes and regulations within the United Kingdom and European Community are frequently amended or consolidated and new instruments are being introduced, and therefore it is necessary to update the legislation guide on a more frequent basis than is required for the other publications.

To confirm these pieces of legislation and monitor new legislation enacted after this guide, please checkout the APA website legislation section and/or the office of public sector information legislation. These can be found at:

www.the-apa.co.uk/legislation
www.opsi.gov.uk/legislation

The guide was first published in December 1990; a second edition was issued in March 1993, a third in March 1996 and a fourth in 1999. This web edition will be monitored and revised on an annual basis. **The Training Committee would welcome corrections to the text and suggestions for improvements to future editions.**

Charlie McDonald
Training Committee Chairman
Association of Public Analysts



Food

Part A: FOOD

1 United Kingdom Legislation

1.1 Acts

AGRICULTURE AND HORTICULTURE ACT 1964

EUROPEAN COMMUNITIES ACT 1972

FOOD ACT 1984

FOOD AND ENVIRONMENT PROTECTION ACT 1985

FOOD SAFETY ACT 1990

HORTICULTURAL PRODUCE ACT 1986

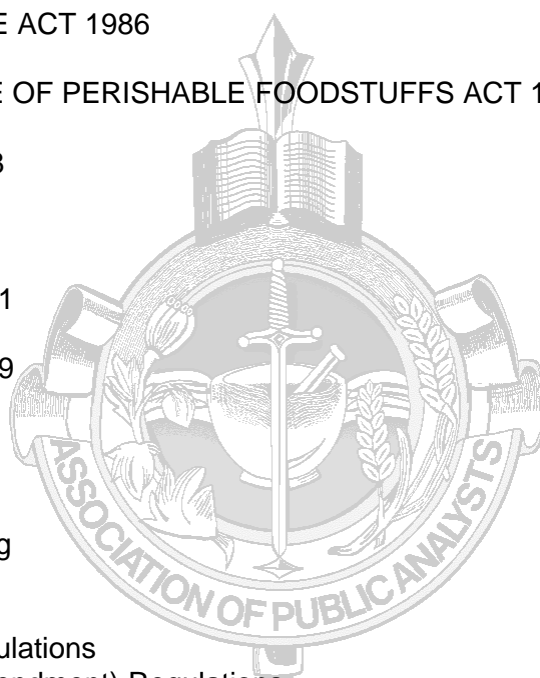
INTERNATIONAL CARRIAGE OF PERISHABLE FOODSTUFFS ACT 1976

INTERPRETATION ACT 1978

SCOTCH WHISKY ACT 1988

WATER INDUSTRY ACT 1991

WATER INDUSTRY ACT 1999



1.2 Orders and Regulations

SI Number

1.2.1 Composition and Labelling

Bread and Flour Regulations	1998/141
Caseins and Caseinates Regulations	1985/2026
Caseins and Caseinates (Amendment) Regulations	1989/2321
Ceramic Articles in Contact with Food (England) Regulations	1179/2006
Cocoa and Chocolate Products (England) Regulations	2003/1659
Coffee Extracts and Chicory Extracts (England) Regulations	2000/3323
Common Agricultural Policy (Wine) (England and Northern Ireland) Regulations	2001/686
Common Agricultural Policy (Wine) (England and Northern Ireland)(Amendment) Regulations	2003/114
Common Agricultural Policy (Wine) (England and Northern Ireland)(Amendment) Regulations	2004/1046
Common Agricultural Policy (Wine) (England and Northern Ireland)(Amendment) Regulations	2005/2992
Common Agricultural Policy (Wine) (England and Northern Ireland) (Amendment) Regulations	2006/1499
Condensed Milk and Dried Milk (England) Regulations	2003/1596
Education (Nutritional Standards for School Lunches)(England) Regulations	2000/1777
Erucic Acid in Food Regulations	1977/691
Erucic Acid in Food (Amendment) Regulations	1982/264

Food

Fish Labelling (England) Regulations	2003/461
Fish Labelling (Amendment) (England) Regulations	2006/506
Food for Particular Nutritional Uses (Addition of Substances for Specific Nutritional Purposes) (England) Regulations	2002/1817
Food for Particular Nutritional Uses (Addition of Substances for Specific Nutritional Purposes)(Amendment)(England) Regulations	2004/649
Food for Particular Nutritional Uses (Addition of Substances for Specific Nutritional Purposes)(Amendment)(England) Regulations	2006/3116
Food for Special Medicinal Purposes (Scotland) Regulations	2000/130
Food Intended for Use in Energy Restricted Diets for Weight Reduction Regulations	1997/2182
Food (Lot Marking) Regulations	1996/1502
Food Labelling Regulations	1996/1499
Food Labelling (Amendment) Regulations	1998/1398
Food Labelling (Amendment) Regulations	1999/747
Food Labelling (Amendment) (No 2) Regulations	1999/1483
Food Labelling (Amendment) (England) Regulations	2003/474
Food Labelling (Amendment) (England) Regulations	2005/899
Food Labelling (Amendment) (England) (No 2) Regulations	2005/2969
Food (Provisions relating to Labelling) (England) Regulations	2003/2647
Food Safety (Amendment) (Metrication) Regulations	1992/2597
Fruit Juices and Fruit Nectars (England) Regulations	2003/1564
Genetically Modified Food (England) Regulations	2004/2335
Honey (England) Regulations	2003/2243
Honey (Amendment) (England) Regulations	2005/1920
Jam and Similar Products (England) Regulations	2003/3120
Meat Products (England) Regulations	2003/2075
Medical Food (England) Regulations	2000/845
Natural Mineral Water, Spring Water and Bottled Drinking Water Regulations	1999/1540
Natural Mineral Water, Spring Water and Bottled Drinking Water (Amendment)(England) Regulations	2003/666
Natural Mineral Water, Spring Water and Bottled Drinking Water (Amendment)(England) Regulations	2004/656
Organic Products Regulations	2004/1604
Processed Cereal-Based Foods and Baby Foods for Infants and Young Children (England) Regulations	2003/3207
Quick-Frozen Foodstuffs Regulations	1990/2615
Quick-Frozen Foodstuffs (Amendment) Regulations	1994/298
Rice Products (Restriction on First Placing on the Market) (England) Regulations	2006/2921
Scotch Whisky Act 1988 (Commencement and Transitional Provisions) Order	1990/997
Scotch Whisky Order	1990/998
Specified Sugar Products (England) Regulations	2003/1563
Spirit Drinks Regulations	1990/1179
Spirit Drinks (Amendment) Regulations	1995/732
Spreadable Fats (Marketing Standards) Regulations	1995/3116
Spreadable Fats (Marketing Standards) (Amendment) Regulations	1998/452
Spreadable Fats (Marketing Standards) (Amendment)(No. 2) Regulations	1998/2538
Spreadable Fats (Marketing Standards) (Amendment) Regulations	1999/540
Spreadable Fats (Marketing Standards) (England) Regulations	1999/2457
Tryptophan in Food (England) Regulations	2005/2630

Food

1.2.2 Additives and Contaminants

Animals and Animal Products (Examination for Residues and Maximum Residue Limits) Regulations	1997/1729
Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (Amendment) Regulations	2001/3590
Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (Amendment) Regulations	2004/147
Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (Amendment) Regulations	2006/755
Arsenic in Food Regulations	1959/831
Arsenic in Food (Amendment) Regulations	1960/2261
Arsenic in Food (Amendment) Regulations	1973/1052
Chloroform in Food Regulations	1980/36
Colours in Food Regulations	1995/3124
Colours in Food (Amendment) (England) Regulations	2000/481
Colours in Food (Amendment) (England) Regulations	2001/3442
Colours in Food (Amendment) (England) Regulations	2005/519
Contaminants in Food (England) Regulations	2006/1464
Control of Pesticide Regulations	1986/1510
Extraction Solvents in Food Regulations	1993/1658
Extraction Solvents in Food (Amendment) Regulations	1995/1440
Extraction Solvents in Food (Amendment) Regulations	1998/2257
Flavourings in Food Regulations	1992/1971
Flavourings in Food (Amendment) Regulations	1994/1486
Food Additives Labelling Regulations	1992/1978
Food with Added Phytosterols or Phytosteranols (Labelling) (England) Regulations	2004/3344
Materials and Articles in Contact with Food (England) Regulations	2005/898
Mineral Hydrocarbons in Food Regulations	1966/1073
Miscellaneous Food Additives Regulations	1995/3187
Miscellaneous Food Additives (Amendment) Regulations	1997/1413
Miscellaneous Food Additives (Amendment) Regulations	1999/1136
Miscellaneous Food Additives (Amendment) (England) Regulations	2001/60
Miscellaneous Food Additives (Amendment) (England) (No. 2) Regulations	2001/3775
Miscellaneous Food Additives (Amendment) (England) Regulations	2003/1008
Miscellaneous Food Additives (Amendment) (England) (No. 2) Regulations	2003/3295
Miscellaneous Food Additives (Amendment) (England) Regulations	2004/2601
Miscellaneous Food Additives (Amendment) (England) Regulations	2005/1099
Packaging (Essential Requirements) Regulations	2003/1941
Packaging (Essential Requirements) (Amendment) Regulations	2004/1188
Pesticides (Maximum Residue Levels in Crops, Food and Feeding Stuffs) (England and Wales) Regulations	2005/3286
Pesticides (Maximum Residue Levels in Crops, Food and Feeding Stuffs) (England and Wales)(Amendment)(No. 2) Regulations	2006/1742
Pesticides (Maximum Residue Levels in Crops, Food and Feeding Stuffs) (England and Wales)(Amendment)(No. 3) Regulations	2006/2922
Plastic Materials and Articles in Contact with Food (England)(No. 2) Regulations	2006/2687
Products of Animal Origin (Third Country Imports) (England) Regulations	2006/2841
Sweeteners in Food Regulations	1995/3123
Sweeteners in Food (Amendment) Regulations	1996/1477
Sweeteners in Food (Amendment) Regulations	1997/814

Food

Sweeteners in Food (Amendment) Regulations	1999/982
Sweeteners in Food (Amendment) Regulations	2001/2294
Sweeteners in Food (Amendment) (England) Regulations	2002/379
Sweeteners in Food (Amendment) (England) Regulations	2003/1182
Sweeteners in Food (Amendment) (England) Regulations	2004/3348
Tin in Food Regulations	1992/496

1.2.3 Milk, Cream, and Milk-Based Drinks

Curd Cheese (Restriction on Placing on the Market)(England) Regulations	2006/2787
Drinking Milk Regulations	1998/2424
Infant Formula and Follow-on Formula Regulations	1995/77
Infant Formula and Follow-on Formula (Amendment) Regulations	1997/451
Infant Formula and Follow-on Formula (Amendment) (England) Regulations	2000/1509
Infant Formula and Follow-on Formula (Amendment) (England) Regulations	2003/3208
Milk (Presentation) Regulations	1982/1702
Milk and Dairies (Legal Proceedings) Regulations	1962/1288
Milk and Dairies (Standardisation and Importation) Regulations	1992/3143
Milk and Dairies and Milk (Special Designation) (Charges) (Amendment) Regulations	1990/1584
Milk and Dairies and Milk (Special Designation) (Charges) (Amendment) Regulations	1991/2900
Milk and Dairies and Milk (Special Designation) (Charges) (Amendment) Regulations	1994/1446
Milk and Dairies and Milk (Special Designation) (Charges) (Amendment) Regulations	1992/2763
Milk and Milk Products (Protection of Designations) Regulations	1990/607

1.2.4 Miscellaneous

Detention of Food (Prescribed Forms) Regulations	1990/2614
Food (Forces Exemptions) (Revocations) Regulations	1992/2596
Food (Miscellaneous Revocations) Regulations	1991/1231
Food (Miscellaneous Revocations and Amendments) Regulations	1995/3267
Food (Revision of Penalties) Regulations	1982/1727
Food (Revision of Penalties) Regulations	1985/67
Food Imitations (Safety) Regulations	1989/1291
Food Safety (Enforcement Authority) (England and Wales) Order	1990/2462
Food Safety (Exports) Regulations	1991/1476
Food Safety (Improvement and Prohibition - Prescribed Forms) Regulations	1991/100
Food Safety (Sampling and Qualifications) Regulations	1990/2463
Food Safety Act (Consequential Modifications) (England and Wales) Order 1990	1990/2486
Food Safety Act (Consequential Modifications) (Local Enactments) Order	1992/117
Food Safety Act (Consequential Modifications) (Local Enactments) (No 2) Order	1992/2766
Food Safety Act (Consequential Modifications) (No 2) (Great Britain) Order 1990	1990/2487
Food Safety Act 1990 (Commencement No 1) Order	1990/1383
Food Safety Act 1990 (Commencement No 2) Order	1990/2372
Food Safety Act 1990 (Commencement No 3) Order	1992/57

Food

Food Safety Act 1990 (Amendment) Regulations	2004/2990
General Product Safety Regulations	2005/1803
General Food Regulations	2004/3279
Milk and Dairies (Revision of Penalties) Regulations	1982/1703
Milk and Dairies (Revision of Penalties) Regulations	1985/68
Official Feed and Food Controls (England) Regulations	2006/15

1.2.5 Health Aspects

Animals and Animal Products (import and Export)(England) Regulations	2006/1471
Animals and Animal Products (import and Export) (England)(Amendment) Regulations	2006/2126
Animal By-Products (Identification) Regulations	1995/614
Animal By-Products (Identification) (Amendment) Regulations	1997/2073
Animal By-Products (Identification) (England) Regulations	2003/1482
Authorised Officers (Meat Inspection) Regulations	1987/133
Food (Control of Irradiation) Regulations	1990/2490
Food (Control of Irradiation) (Amendment) (England) Regulations	2002/1922
Food Hygiene (England) Regulations	2006/14
Food Irradiation Provisions (England) Regulations	2000/2254
Food Protection (Emergency Prohibitions) (Paralytic Shellfish Poisoning) Order	1995/1388
Food Safety (Fishery Products and Live Shellfish) (Hygiene) Regulations	1998/994
Food Safety (Fishery Products and Live Shellfish) (Hygiene) Amendment Regulations	1999/399
Food Safety (Fishery Products and Live Shellfish) (Hygiene)	1984/1918
Imported Food Regulations	1997/2537
Imported Food Regulations	1985/1071
International Carriage of Perishable Foodstuffs Regulations	1989/1185
International Carriage of Perishable Foodstuffs (Amendment) Regulations	1990/2033
International Carriage of Perishable Foodstuffs (Amendment) Regulations	1991/425
International Carriage of Perishable Foodstuffs (Amendment) (No 2) Regulations	1991/969
International Carriage of Perishable Foodstuffs (Amendment) (No 3) Regulations	1991/2571
International Carriage of Perishable Foodstuffs (Amendment) Regulations	1992/2682
International Carriage of Perishable Foodstuffs (Amendment) Regulations	1993/1589
International Carriage of Perishable Foodstuffs (Amendment) Regulations	1995/1716
International Carriage of Perishable Foodstuffs (Amendment) Regulations	1996/2765
International Carriage of Perishable Foodstuffs (Amendment) Regulations	1997/1673
International Carriage of Perishable Foodstuffs (Amendment) Regulations	2003/1693
Transmissible Spongiform Encephalopathies Regulations	2006/68
Ungraded Eggs (Hygiene) Regulations	1990/1323

1.2.6 Marketing and Grading Standards

Eggs (Marketing Standards) Regulations	1995/1544
Eggs (Marketing Standards) (Amendment) Regulations	1996/1725
Eggs (Marketing Standards) (Amendment) Regulations	1997/1414
Eggs (Marketing Standards) (Amendment) Regulations	1998/1665
Eggs (Marketing Standards)(Amendment)(England and Wales) Regulations	2006/1540
Grading of Horticultural Produce (Amendment) Regulations	1973/22

Food

Grading of Horticultural Produce (Amendment) Regulations	1983/1053
Novel Foods and Food Ingredients Regulations	1997/1335
Novel Foods and Food Ingredients (Amendment) (England) Regulations	1999/3182
Olive Oil (Marketing Standards) Regulations	2003/2577
Olive Oil (Marketing Standards) (Amendment) Regulations	2004/2661
Poultry Meat (Water Content) Regulations	1984/1145
Preserved Sardines (Marketing Standards) Regulations	1990/1084
Preserved Tuna and Bonito (Marketing Standards) Regulations	1994/2127
Products of Animal Origin (Import and Export) Regulations	1996/3124
Sea Fish (Marketing Standards) Regulations	1986/1272
Sea Fish (Marketing Standards) (Amendment) Regulations	1989/687
Spreadable Fats (Marketing Standards) (England) Regulations	1999/2457

1.3 Codes of Practice on Execution and Enforcement of the Food Safety Act

Food Safety Act 1990 Code of Practice	2004
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Agriculture

Part B: AGRICULTURE

1 United Kingdom Legislation

1.1 Acts

AGRICULTURE ACT (PART IV), 1970

ANIMAL HEALTH ACT 1981

ENVIRONMENTAL PROTECTION ACT 1990

EUROPEAN COMMUNITIES ACT 1972

FARM AND GARDEN CHEMICALS ACT 1967

HORTICULTURAL PRODUCE ACT 1986

MEDICINES ACTS, 1968 & 1971

1.2 Orders and Regulations

SI Number



Agriculture Act 1970 (Amendment) Regulations	1982/980
Animal Health Act 1981 (Amendment) Regulations	1992/3293
Bovine Spongiform Encephalopathy (No 2) (Amendment) Order	1990/1930
Bovine Spongiform Encephalopathy Order	1991/2246
Diseases of Animals (Waste Food) Order	1974/1936
EC Fertilisers (England and Wales) Regulations	2006/2486
Farm and Garden Chemicals Regulations	1971/729
Feeding Stuffs (England) Regulations	2005/3281
Feeding Stuffs (England)(Amendment) Regulations	2006/2808
Feeding Stuffs (Amendment) (Amendment) Order	1987/232
Feeding Stuffs (Amendment) (Amendment) Order	1996/826
Feeding Stuffs (Establishments and Intermediaries) Regulations	1999/1872
Feeding Stuffs (Sampling and Analysis) Regulations	1999/1663
Feeding Stuffs (Sampling and Analysis) (Amendment) (England) Regulations	
2001/541	
The Feeding Stuffs and the Feeding Stuffs (Sampling and Analysis) (Amendment) (England) Regulations	
2006/113	
The Feeding Stuffs, the Feeding Stuffs (Sampling and Analysis) and the Feeding Stuffs (Enforcement) (Amendment) (England) Regulations	2003/1503
The Feeding Stuffs, the Feeding Stuffs (Sampling and Analysis) and the Feeding Stuffs (Enforcement) (Amendment) (No. 2) (England) Regulations	2003/2912
The Feed (Hygiene and Enforcement) (England) Regulations	2005/3280
Fertilisers Regulations	1991/2197
Fertilisers (Amendment) Regulations	1995/16
Fertilisers (Sampling and Analysis) Regulations	1996/1342
Genetically Modified Animal Feed (England) Regulations	2004/2334
Official Feed and Food Controls (England) Regulations	2006/15
Processed Animal Protein Order	1989/661

Agriculture

SI Number

Sheep Scab Order	1986/862
Sludge (Use in Agriculture) Regulations	1989/1263
Sludge (Use in Agriculture) (Amendment) Regulations	1990/880
Specified Bovine Material Order	1996/963
Zoonoses Order	1989/285



Water For Human Consumption

Part C: WATER FOR HUMAN CONSUMPTION

1 United Kingdom Legislation

1.1 Acts

FOOD AND ENVIRONMENT PROTECTION ACT 1985

WATER ACT 1973

WATER ACT 1989

WATER INDUSTRY ACT 1991

1.2 Orders and Regulations

SI Number

Natural Mineral Water, Spring Water and Bottled Drinking Water Regulations	1999/1540
Natural Mineral Water, Spring Water and Bottled Drinking Water (Amendment) (England) Regulations	2003/666
Natural Mineral Water, Spring Water and Bottled Drinking Water (Amendment) (England) Regulations	2004/656
Private Water Supplies Regulations	1991/2790
Surface Waters (Classification) Regulations	1989/1148
Surface Waters (Dangerous Substances) (Classification) Regulations	1989/2286
Surface Waters (Dangerous Substances) (Classification) Regulations	1992/337
Water (Prevention of Pollution) (Code of Practice) Order	1998/3084
Water Supply (Water Quality) Regulations	2000/3184
Water Supply (Water Quality) (Amendment) Regulations	2001/2285
Water Supply (Water Quality) Regulations	2001/3911
Water Fluoridation (Consultation) (England) Regulations	2005/921
Water Supply (Fluoridation Indemnities) (England) Regulations	2005/920