

Universal Decimal Classification —

English full edition —
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UDC 614 Public health and hygiene.
Accident prevention

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Information and Documentation Standards Policy Committee (DOT/-) to Technical Committee DOT/3, upon which the following bodies were represented:

- Aslib
- Association of British Library and Information Studies Schools
- British Library Acquisitions Processing and Cataloguing
- British Steel Industry
- CAB International
- Chemical Industries Association
- Classification Research Group
- Cranfield Institute of Technology
- Department of the Environment (Property Services Agency)
- Institute of Information Scientists
- Institution of Electrical Engineers
- Library Association
- Polytechnic of North London
- Royal Institute of British Architects
- Royal Institution of Chartered Surveyors
- Standing Conference of National and University Libraries
- Textile Research Council (Hatra)
- University College London, School of Library Archive and Information Studies

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Royal College of Physicians of London
- Royal Pharmaceutical Society of Great Britain

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Foreword

The English version of the Universal Decimal Classification (UDC) is being prepared and published as BS 1000 by the British Standards Institution (BSI) at the original joint request of the British Society for International Bibliography (BSIB) and the Association of Special Libraries and Information Bureaux (ASLIB), now amalgamated as Aslib. It has the approval of the Lake Placid Education Foundation, New York, proprietors of the Dewey Decimal Classification, from which the UDC derives. The English full edition of the UDC is authorized by the International Federation for Information and Documentation (FID), PO Box 90402, 2509 LK The Hague, Netherlands.

This section is part of the English full edition. It should be used in conjunction with the English text of the International Medium Edition, BS 1000M, which refers to many other subjects of interest not listed in this schedule, and provides a conspectus of the whole scheme, together with an introduction to its use. For further practical information about the principles, application and utilization of the scheme, users should refer to BS 1000 C.

This edition of BS 1000 [614], which supersedes the 1969 edition, includes modifications authorized in *Extensions and Corrections to the UDC* (FID publication no. 248) up to and including Series 13, No. 3, dated August 1989. Subsequent issues of *Extensions and Corrections to the UDC* should be consulted to keep the schedule up to date. British Standards related to this part of BS 1000 are listed on the inside back cover.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 26, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Scope

Under 614 is classed information relating to public health and hygiene, i.e. measures taken by official bodies to preserve the health of the population, and accident prevention.

Related subjects

312	Population statistics
314	Demography. Population studies
340.6	Auxiliary legal sciences. Forensic psychology. Forensic chemistry. Forensic medicine
351.77	Supervision of public health and hygiene. Sanitary control
355.587	Protective equipment, air raid precautions
355.588	Organization of rescue services, air raid precautions
355.72	Military medical establishments
359.6	Naval medical services
36	Social welfare. Relief. Insurance
371.7	Health and medical care of pupils, students
61	Medical sciences
628	Public health engineering

Auxiliary signs and subdivisions

Full information about the common and special auxiliary signs and subdivisions (often abbreviated to “common and special auxiliaries”) will be found in BS 1000M and BS 1000C.

Colon sign of relation. For the classification of information for the public, as in abstracts and bibliographies, maximum use of colon combination rather than of common and special auxiliaries is recommended. The use of the colon sign of relation is preferable for multiple entry systems, as it will help prevent the concealment of information. This usually results in longer notation, however, and for information for more restricted use, the application of auxiliaries, where available, may be simpler and more convenient provided that there is an adequate alphabetical subject index.

Common auxiliaries. The common auxiliaries of language = . . . , form (0 . . .), place (1/9), race and nationality (= . . .), time “. . . ”, point of view. 00 . . . , materials – 03 . . . and persons – 05 . . . are applicable throughout the UDC. However, they should be used mainly to express concepts not otherwise provided for in the schedules. It should be noted that – 05, which was formerly listed in parts of UDC 61 as a special auxiliary, is now part of common auxiliary Table I(k). Though no longer displayed here, combinations with – 05 are still possible.

Special auxiliaries. The .07 and .08 special auxiliaries listed under 35 are also applicable here; see note under 614.

Other series of special auxiliaries are provided under 614.8, 614.842.43, 614.842.83 and 614.846.6. Each of these auxiliaries is applicable throughout the subdivisions of the number at which it is listed, except where there is an instruction to the contrary, e.g.

614.8.028 Scale, extent of accidents

614.835.4 Explosions of gases

hence

614.835.4.028 Scale of gas explosions

Typographic presentation

Small type is used for cancelled numbers or text. The arrow → means either “see” or “see also” according to the context. The symbol $\cong$ “subdivide as” means that the number preceding it may be subdivided in the same way as, and with meanings analogous to the subdivisions of, the number which follows it.

Schedule

614 Public health and hygiene. accident prevention

Special auxiliary subdivisions

The .07 and .08 special auxiliaries listed under UDC 35 are also applicable in 614, e.g. under 614.842.83.

Principal divisions

- 614.1 **POPULATION. DEPOPULATION**
 →314.144 Biodemography
 351.77 Public health administration
 Only questions of public health are classed here. Class general questions under 314 and population statistics under 312
- 614.2 **PUBLIC AND PROFESSIONAL ORGANIZATION OF HEALTH**
 →174.2 Doctors, professional conduct — Professional, occupational ethics
 176 Sexual ethics
 178 Addiction and temperance. Narcotics
 340.6 Forensic psychology, medicine and chemistry — Law
 351.77 Public health administration — Public administration
 356.33 Medical service, army — Military art and science
 364 Social relief and welfare
- .22 **Regulations concerning dissection and vivisection**
 →179.4 Vivisection — Ethics
 57.089.6 Experimental surgical techniques — Biological sciences
 612.089.6 Experimental surgical techniques
- .23 **Medical requirements and examination for suitability for a post. Issuing of official medical certificates (other than in forensic medicine)**
- .25 **Concerns, rights and duties of doctors. The medical profession**
- .251 **Rights**
 .2 Freedom to practice
 .8 Privileges. Special standing in law. Unlawful agreements
- .252 **Admission to the medical profession**
 .1 Evidence of qualifications
 .2 Admission of women doctors
 .3 Registration. Authorization to practice
 .5 Prohibition of other activities. Compatibility and non-compatibility of the medical profession with other employment
 .6 Sale of medicines by doctors
 .7 Private practice. Relations between practitioners and army doctors
- .253 **Relations of doctors with colleagues, with patients. Medical ethics**
 →174.2 Doctors' professional conduct, ethics
 .1 Doctors in public hospitals, universities, public laboratories and institutes
 .2 Doctors in private practice and in private hospitals and clinics, etc.
 .22 Agreement. Licence. Official regulations
 .3 Assistants
- 614.253.4 **Students**
 .5 Attendants. Nurses
 .52 Female attendants and nurses. Sisters
 →614.88 Assistance in case of accidents
 616-083 Care of the sick — Pathology
 Further details may be denoted by colon combination e.g.
 614.253.52:615.82 Masseuses
 614.253.52:616-053.2 Wet nurses
 .58 Midwives
 .6 Officials, employees, porters, etc., at hospitals
 .8 Patients
 .81 Children
 .82 Women
 .83 Rights and obligations of patients. Doctors' responsibility for treatment. Neglect of patient. Withholding of treatment. Rejection of treatment
 .84 Professional secrecy
 →343.452 Breach of professional confidentiality — Law
 347.943.5 Professional secrecy, civil law — Law
 .89 Environment, family, particulars of patients
- .254 **Professional life and activity of doctors**
 .1 Surgeries. Accommodation
 .2 Doctors' family
 .3 Visits. Treatment. Consultations
 .4 Consultations with colleagues
 .5 Leisure. Leave of absence. Holidays
 .6 Locums
 .65 Co-operation between doctor and locum
 .7 Transfer of patients
- .255 **Relationship of doctors to the community**
 →614.39 National health service
 .1 Relationship to the authorities
 .11 Issue of certificates of births, death and sickness
 .13 Requisition of doctors by the authorities
 .14 Legal relationships. Professional secrecy in relation to the authorities
 →343.452 Breach of professional confidentiality — Law
 347.943.5 Professional secrecy — Law
 .15 Relationship to specialists
 .19 Charters. Tax
 .3 Doctors employed in private undertakings. School doctors. Works doctors
 .4 Doctors in public and private hospitals and in health services
 .5 Doctors in insurance companies
 .6 Relationships with dentists
 .7 Relationships with pharmacists
 .8 Relationships with wholesale druggists, truss-makers, etc.
 .9 Relationships with veterinary surgeons
- .256 **Medical responsibility**
 .5 Professional risks. Risk of infection
 →347.51 Civil liability — Law
 347.56 Professional liability — Law

- 614.256.6 Assault on doctors
→343.61 Homicide. Physical injury — Law
- .257 Doctors' fees
- .258 Medical organizations
- .1 Professional societies and organizations
- .2 Disciplinary bodies
- .26 **Illegal practice of medicine. Quacks. Charlatans**
→351.77 Public health administration — Public administration
- .27 **Sale of medicines, drugs**
→615.12 Pharmaceutical laboratories. Pharmacies — Pharmaceutics
- .272 Materials of all kinds considered as medicines
- .273 Medicines which should be kept in stock
- .275 New and secret medicines
→614.35 Inspection of medicines
- .28 **Sale of poisons and narcotics and of medicines that may only be sold by pharmacists**
→343.347.4 Sale of forbidden medicines, penal offences
- 615.9 Toxicology
- .281 Medicines which may only be sold by pharmacists
- .282 Poisons
- .283 Narcotics
- .288 Illegitimate selling
- .29 **Official medical commissions**
- 614.3 **SANITARY INSPECTION AND CONTROL. PUBLIC HEALTH LABORATORIES**
→343.347 Adulteration of food — Law
351.773.1 Inspection of food stuffs — Public administration
- .31 **Inspection of food. Inspection of shops, markets, etc.**
Further details may be denoted by colon combination, e.g.
614.31:63 Agricultural products
614.31:633 Cereals. Pulses. Fodder
614.31:634 Fruit
614.31:635 Vegetables. Fungi
614.31:636/638 Animal products
614.31:637.1 Milk
614.31:637.5 Meat
614.31:639.2 Fish
614.31:663 Drinks
614.31:663.97 Tobacco
614.31:664 Preserved foods
- .35 **Inspection of medicines**
→614.27 Sale of medicines
614.28 Sale of poisons and narcotics
Further details may be denoted by colon combination with the subdivisions of 615
- .37 **Inspection of colouring matters, wallpapers, textiles, clothes, toys, kitchen utensils, furniture, etc.**
Further particulars may be denoted by colon combination with the subdivisions of 667.5; 667.6; 684; 687; 745
- .38 **Health control of public gatherings, meetings, places of assembly**
- .39 **National health service**
→351.77 Supervision of public health and hygiene — Public administration
- 614.4 **PREVENTION AND CONTROL OF COMMUNICABLE (INFECTIOUS AND CONTAGIOUS) DISEASES. PREVENTION OF EPIDEMICS. SANITARY INSPECTORATE**
→351.77 Supervision of public health and hygiene — Public administration
613.955 Health and hygiene of school-age children — Hygiene
615.37 Immunotherapy — Pharmaceutics
628 Public health engineering
- .44 **Measures to prevent and restrict infectious diseases**
- .441 Obligation to notify diseases
→614.255.11 Issue of certificates of birth, death and sickness
- .442 Measures affecting the air
→614.71 Hygiene of the air
- .443 Measures affecting the soil. Drainage
→614.77 Hygiene of the soil
614.776 Sanitation of the soil
- .444 Measures against dust
→613.633 Effect of dust — Hygiene
614.715 Pollution by dust and smoke
614.771 Dust and pollution of the soil
628.511 Measures against dust — Public health engineering
- .445 Measures affecting water. Dredging, filling ditches, etc.
→351.79 Administration of waterways — Public administration
613.31 Water. Hydrotherapy — Hygiene
614.777 Hygiene of water
- .446 Measures affecting humans
- .1 Healthy
- .2 Germ carriers
- 614.446.3 Sick
- .33 Excreta of the sick
- .37 Washing. Clothes. Objects used. Furniture
- .38 Dwellings
→613.5 Hygiene of dwellings — Hygiene
- .6 Convalescents
- .8 Dead
→614.6 Cemetery hygiene. Disposal of the dead
- .9 Environment. Doctors. Attendants. Suspected cases
- .447 Measures affecting public places, markets, means of transport
- .1 Public streets and places. Markets
→614.38 Health control of public gatherings, meetings, places of assembly
- .4 Means of transport
- .45 Inspection of vehicles
Further details may be denoted by colon combination with the subdivisions of 629
- .5 Travellers. Luggage
- .6 Goods. Foodstuffs
→614.31 Inspection of food
- .448 Measures affecting plants. Cultivation. Destruction
→351.82 Economic legislation — Public administration
- .5 Measures against plants injurious to health
614.448.5 ≅ 616-022.8

614.449	Measures affecting animals. Destruction of rats, insects, larvae, etc. Protection of useful animals	614.618.82	By birds
614.449 $\cong$ 59		.9	By mammals
→351.765	Protection of animals, destruction of harmful animals — Public administration	.62	Burning of corpses. Cremation
632.6/.9	Pests and their control — Agriculture	.63	Transport of corpses
636.089.3	Protection against insects — Animal breeding	.64	Preservation of corpses. Embalming. Deep freezing, preservation in ice
646.673	Pests, care of furs — Domestic science	.65	→616-091.7 Embalming — Pathology
648.63	Disinfecting — Domestic science	.651	Effect of cemeteries on public health
674.048.4	Impregnation of wood against animal attack — Timber and wood working industry	.652	Pollution of the air
.57	Measures against insects	.66	Pollution of water
.932.34	Control of rats	.67	Exhumation
→699.878.6	Rat-proof constructions — Building	614.7	→616-091.6 Exhumation — Pathology
.45	Isolation of persons with communicable diseases	.71	Post mortem. Autopsy
.451	In the home	.712	→616-091.5 Autopsy — Pathology
.454	In general hospitals	.715	HYGIENE OF THE AIR, WATER AND SOIL
.455	In special hospitals	.718	→351.777 Hygiene of air and soil — Public administration
.46	Quarantine	.72	628 Public health engineering
→351.77	Public health — Public administration	.73	Hygiene of the air
.461	On land	.75	Purification of the air. Effect of wind
.462	On ships		Pollution by dust and smoke
.463	On aircraft		Smells. Miasmas. Noxious emanations
.47	Preventive inoculation in general		Pollution by noxious gases
→615.37	Immunotherapy — Pharmaceuticals	.76	Radioactive fallout
.48	Sterilization. Disinfection	.761	Precautions with, and handling of, noxious and dangerous substances
→614.449	Control of rats, insects, larvae, etc.	.762	→351.753 Supervision of weapons, munitions, explosives — Public administration
614.71	Hygiene of the air	.763	614.835 Hazards due to storage of explosive or flammable materials
.484	By chemical means	.77	Pollution of both soil and air
	<i>Further details may be denoted by colon combination with the subdivisions of 615.28</i>		Stables. Manure
.485	By light rays and ultra-violet rays	.771	Tanks. Silos. Stores for residues of fruit pulp and malt
.486	By heat	.773	Animal corpses. Animal excrement
.1	Burning	.774	Soil. Effect of soil and its effluvia on health. Topography and health
.2	Hot air		→631.4 Soil science
.3	Hot water, boiling	.5	Dust and pollution of the soil
.4	Steam	.776	Permeability of the soil to air
.487	By electrical or ultrasonic phenomena		Constituents of the soil from a health point of view
614.6	CEMETERY HYGIENE. DISPOSAL OF THE DEAD		Heat capacity of the soil
→351.776	Cemetery and crematorium supervision — Public administration	.777	Sanitation of the soil. Influence of cultivation, clearing, desiccation, afforestation, deforestation, drainage
393	Death, Treatment of corpses. Funerals. Death rites — Social anthropology		→614.443 Measures affecting the soil. Drainage
.61	Cemeteries. Burial of the dead		Water. Hygiene of water
.611	Burial in the earth		→351.79 Administration of waterways — Public administration
.612	Burial in vaults. Catacombs		556 General hydrology — Earth sciences
.613	Burial in churches and in other buildings		614.445 Measures affecting water — Public administration
.614	Indestructible coffins		626 Hydraulic engineering
.615	Mortuaries		628.1/.3 Water supply — Public health engineering
.618	Destruction of corpses by animals	.778	656.6 Transport by water — Transport
614.618 $\cong$ 59			<i>663.6 Potable waters — Industrial microbiology etc.</i>
.576.3	By beetles		<i>Plants and human health</i>
.814	By crocodiles		→614.448 Measures affecting plants
			616-022.38 Plants, food as a cause of spread of disease — Pathology

614.778 (cont'd)	616-022.8	Allergy due to plants — Pathology	614.8.013	Visual methods and media
.779		Animals and human health		→003.6 Graphic representation (Signs, symbols and diagrams), e.g.
	→351.765	Protection of animals — Public administration		003.62:614.876.013 Warning symbol for ionizing radiation (radioactivity)
	614.449	Measures affecting animals		Further details may be denoted by colon combination with the subdivisions of 654.91 and 659.13
	616-022.39	Animals as carriers of diseases — Pathology		
	616-022.9	Diseases caused by animals — Pathology	.014	Acoustic, aural and oral methods and media
.78		Urban hygiene. Public health in towns		Further details may be denoted by colon combination with the subdivisions of 654.92 and 659.14
	→351.777.8	Hygiene of towns — Public administration	.015	Psychological methods. Sustained campaigns
	625.71.8	Highway, road engineering — Civil engineering	.02	Occurrence and scale of accidents
	628	Public health engineering	.026	Accidents in daily life and in the home
	696	Plumbing, sanitary installation — Building	.1	Risks
	71	Town planning	.2	Causes
	72	Architecture	.027	Accidents at work. Occupational accidents
.79		Rural hygiene. Public health in the countryside		→331.46 Accidents at work — Economics
614.8		ACCIDENTS. RISKS, HAZARDS. ACCIDENT PREVENTION, PERSONAL PROTECTION. SAFETY	.1	Risks
		Include here risks of accidents (e.g. risk of explosion), causes of accidents (e.g. lightning), means of prevention or personal protection (e.g. protective clothing), accidents themselves (e.g. a fall) and mitigating the consequences of accidents (e.g. resuscitation appliances)	.2	Causes
	→331.461	Hazards, risks at work — Economics	.028	Scale, extent of accidents
	331.45	Safety at work — Economics	.2	Small-scale accidents
	351.77	Public health — Public administration	.3	Medium-scale, moderate accidents
	351.78	Public safety — Public administration	.4	Large-scale, serious accidents
	355.58	Civil defence administration — Military art and science	.06	Results, consequence of accidents
	62-78	Personal protection and safety devices on machines	.067	Results, consequences of occupational accidents
	622.8	Mining accidents — Mining	.1	Lost working days
		Protection against dangers not dealt with in the schedules may be denoted by colon combination, e.g.	.2	Duration of recovery
	614.8:551	Protection against natural phenomena	.3	Degree of disablement
	614.8:631.3	Accidents due to agricultural machinery	.069	Fatal accidents
		Further particulars may be denoted by table Ik-05	.084	[cancelled] → 614.8
		Common auxiliaries of persons and personal characteristics, e.g. 614.8-052 Victims of accidents. Injured persons.	.086	[cancelled] → 614.87
Special auxiliary subdivisions			.2	[cancelled] → 614.872
614.8-02/-029		[cancelled] use 614.8.02...	.3	[cancelled] → 614.894.3
– 05		[cancelled] Now a common auxiliary (see above).	.4	[cancelled] → 614.878
– 06/-069		[cancelled] use 614.8.06/.069	.5/.54	[cancelled] → 614.875/.876
– 084		[cancelled] use 614.8.084	Principal divisions (continued)	
– 084.4		[cancelled] use 614.8.01	614.81	WATER HAZARDS. DROWNING
614.8.01		Publicity, propaganda, warning methods and media	.811	Preventative measures against drowning
	→659.1	Publicity. Advertising	.812	Assistance. First aid
				→614.888.5 Resuscitation apparatus
			.818	Rescue apparatus
			.1	Life buoys. Lifeboats
			.2	Rafts
			.3	Life jackets
			.4	Life belts
			.9	Other rescue apparatus
			614.82	ACCIDENTS FROM VARIOUS MECHANICAL AND PHYSICAL CAUSES
				→614.87 Exposure to ambient influences
			.821	Hazard of falling. Accidents due to falls, slipping, etc.
			.1	Falls on level ground through slipping, stumbling, etc. Preventative measures
				→614.895.1 Measures for protecting the person and means of protection against slipping
				649.166 Walking frames for infants — Home economics
			.3	Falls from a great height. Preventative measures. Roping apparatus
			.4	Devices for catching a falling person. Safety nets
			.6	Falls into excavations

614.822	Falling, dropping, overbalancing of objects onto persons. Crushing	614.838.5	Prevention of formation of excessive pressures
.823	Subsidence, collapse, landslip. Burial under earth, etc.	.51	By expansion pipes
.824	Suffocation. Gas poisoning	.52	By safety valves
.4	Appliances and methods for detection of poisonous gases		614.838.52 $\cong$ 621.183.38
	→543.27 Gas (and air) sampling and analysis — Chemistry	.839	Prevention or localization of damage due to explosions
.5	Appliances and methods for automatic warning of the presence of poisonous gases	.3	Protection against excessive pressures
.825	Hazards and accidents due to electricity	.31	Bursting discs
	→613.647 Injurious physical effects of electricity — Hygiene	.311	Of metal
.826	Mechanical shocks. Impacts. Collisions	.312	Of fibrous material
614.83	EXPLOSION HAZARDS	.313	Of glass
	<i>Further details may be denoted by colon combination with the subdivisions of 662.11.4 and 665.6</i>	.32	Valves, etc.
.832	Hazards from excessive pressure or overstressing. Bursts, blowouts	.33	Liquid shut-off valves
.833	Hazards from chemical explosions	.4	Use of vessels, tanks, etc., which contain the explosion
.2	By solids	.5	Localization of damage
.3	By liquids	.51	Isolation of explosive material and buildings, etc.
.4	By gases	.52	Special types of building, e.g. light roof construction
.5	By dust, smoke, mist	.53	Containment of waves resulting from the explosion (blast)
.51	By dusts (solid matter in fine particles)	.531	By inserting a wide-meshed material into the stream of dust or gas
.52	By smoke (solid matter in fine particles due to incomplete combustion)	.532	By automatic spraying devices
.53	By mist (liquid matter in fine particles)	.54	Turning the waves of the explosion in a specific direction, e.g. blast walls
.834	Detection of explosive gas mixtures, dispersions	614.84	FIRE HAZARDS. FIRES. PROTECTION AGAINST FIRE
.835	Hazards due to storage of explosive or flammable materials		<i>For personal protection and safety → 614.89</i>
.2	Of solids		<i>For fire resistant construction → 699.81</i>
.3	Of liquids		<i>Further details may be denoted by colon combination, or use of common auxiliaries, e.g.</i>
	<i>Includes liquids whose vapours are explosive when mixed with air</i>		<i>614.84(094) Laws relating to fire protection</i>
.4	By gases		<i>The magnitude of the fire may be denoted by using the .028 special auxiliaries listed under 614.8</i>
.837	Addition of substances to inhibit explosions	.841	Fires: nature, causes, prevention, course and types
.2	Additives	.1	Nature of burning process, combustion, extinction
.4	Inert gases		→536.46 Combustion and similar reactions. Flames — Physics
.838	Various other protective measures against explosions	541.11	Thermochemistry — Chemistry
.1	Prevention of the formation of explosive mixtures	.11	Theory of combustion
.12	Control of dust		614.841.11 $\cong$ 662.611 e.g.
	→622.81 Gas and dust explosions underground, in mines. Mine explosions: safety measures		614.841.113 Oxygen and air required by fires
	628.511 Measures against dust — Public health engineering	.12	Dynamics of combustion. Process of ignition. Chemistry and physics of the process of combustion
.13	Prevention of escape of gas		614.841.12 $\cong$ 662.612 e.g.
.14	Devices for indicating the presence of gas or dust		614.841.123.24 Convection. Material exchange. Heat exchange
.15	Prevention of the formation of explosive mixtures by plentiful supply of fresh air		614.841.125 Temperature of combustion
.16	Use of gases of low oxygen content or inert gases. Rendering inert	.13	Products of combustion
	→66.096.1 Treatment with inert (rare) gases — Chemical technology		614.841.13 $\cong$ 662.613 e.g.
.4	Prevention of ignition of explosive mixtures	614.841.131.2	Combustion residues containing unburnt matter
.41	From naked flames	.2	Causes of fire. Fire risks
.42	From sparking		<i>Further details may be denoted with common auxiliaries, e.g. 614.841.2.001.5 Investigation of causes of fires</i>
.43	From accumulation of heat	.22	Causes arising from nature of the material. Spontaneous combustion
.44	From blowbacks		→541.128.24 Auto-oxidation. Spontaneous combustion — Chemistry
.441	By water seals		
.442	By fine wire mesh		