



## CLASS T - TECHNOLOGY



*(Click each subclass for details)*

Subclass T	Technology (General)
Subclass TA	Engineering (General). Civil engineering
Subclass TC	Hydraulic engineering. Ocean engineering
Subclass TD	Environmental technology. Sanitary engineering
Subclass TE	Highway engineering. Roads and pavements
Subclass TF	Railroad engineering and operation
Subclass TG	Bridge engineering
Subclass TH	Building construction
Subclass TJ	Mechanical engineering and machinery
Subclass TK	Electrical engineering. Electronics. Nuclear engineering
Subclass TL	Motor vehicles. Aeronautics. Astronautics
Subclass TN	Mining engineering. Metallurgy
Subclass TP	Chemical technology
Subclass TR	Photography
Subclass TS	Manufactures
Subclass TT	Handicrafts. Arts and crafts
Subclass TX	Home economics

## Subclass T

T1-995	Technology (General)
T10.5-11.9	Communication of technical information
T11.95-12.5	Industrial directories
T55-55.3	Industrial safety. Industrial accident prevention
T55.4-60.8	Industrial engineering. Management engineering
T57-57.97	Applied mathematics. Quantitative methods
T57.6-57.97	Operations research. Systems analysis
T58.4	Managerial control systems
T58.5-58.64	Information technology
T58.6-58.62	Management information systems
T58.7-58.8	Production capacity. Manufacturing capacity
T59-59.2	Standardization
T59.5	Automation
T59.7-59.77	Human engineering in industry. Man-machine systems
T60-60.8	Work measurement. Methods engineering
T61-173	Technical education. Technical schools
T173.2-174.5	Technological change
T175-178	Industrial research. Research and development
T201-342	Patents. Trademarks
T351-385	Mechanical drawing. Engineering graphics
T391-995	Exhibitions. Trade shows. World's fairs

## Subclass TA

TA1-2040	Engineering (General). Civil engineering (General)
TA164	Bioengineering
TA165	Engineering instruments, meters, etc. Industrial instrumentation
TA166-167	Human engineering
TA168	Systems engineering
TA170-171	Environmental engineering
TA174	Engineering design
TA177.4-185	Engineering economy
TA190-194	Management of engineering works
TA197-198	Engineering meteorology
TA213-215	Engineering machinery, tools, and implements
TA329-348	Engineering mathematics. Engineering analysis
TA349-359	Mechanics of engineering. Applied mechanics
TA365-367	Acoustics in engineering. Acoustical engineering
TA401-492	Materials of engineering and construction. Mechanics of materials
TA495	Disasters and engineering
TA501-625	Surveying
TA630-695	Structural engineering (General)
TA703-712	Engineering geology. Rock mechanics. Soil mechanics. Underground construction
TA715-787	Earthwork. Foundations
TA800-820	Tunneling. Tunnels
TA1001-1280	Transportation engineering
TA1501-1820	Applied optics. Photonics
TA2001-2040	Plasma engineering. Applied plasma dynamics

## Subclass TC

TC1-978	Hydraulic engineering
TC160-181	Technical hydraulics
TC183-201	General preliminary operations. Dredging. Submarine building
TC203-380	Harbors and coast protective works. Coastal engineering. Lighthouses
TC401-506	River, lake, and water-supply engineering (General)
TC530-537	River protective works. Regulation. Flood control
TC540-558	Dams. Barrages
TC601-791	Canals and inland navigation. Waterways
TC801-978	Irrigation engineering. Reclamation of wasteland. Drainage
TC1501-1800	Ocean engineering

## Subclass TD

TD1-1066	Environmental technology. Sanitary engineering
TD159-168	Municipal engineering
TD169-171.8	Environmental protection
TD172-193.5	Environmental pollution
TD194-195	Environmental effects of industries and plants
TD201-500	Water supply for domestic and industrial purposes
TD419-428	Water pollution
TD429.5-480.7	Water purification. Water treatment and conditioning. Saline water conversion
TD481-493	Water distribution systems
TD511-780	Sewage collection and disposal systems. Sewerage
TD783-812.5	Municipal refuse. Solid wastes
TD813-870	Street cleaning. Litter and its removal
TD878-894	Special types of environment Including soil pollution, air pollution, noise pollution
TD895-899	Industrial and factory sanitation
TD896-899	Industrial and factory wastes
TD920-934	Rural and farm sanitary engineering
TD940-949	Low temperature sanitary engineering
TD1020-1066	Hazardous substances and their disposal

## Subclass TE

TE1-450	Highway engineering. Roads and pavements
TE175-176.5	Highway design. Interchanges and intersections
TE177-178.8	Roadside development. Landscaping
TE200-205	Materials for roadmaking
TE206-209.5	Location engineering
TE210-228.3	Construction details Including foundations, maintenance, equipment
TE250-278.8	Pavements and paved roads
TE279	Streets
TE279.5-298	Pedestrian facilities
TE280-295	Sidewalks. Footpaths. Flagging
TE298	Curbs. Curbstones

## Subclass TF

TF1-1620	Railroad engineering and operation
TF200-320	Railway construction
TF340-499	Railway equipment and supplies
TF501-668	Railway operation and management
TF670-851	Local and light railways
TF840-851	Elevated railways and subways
TF855-1127	Electric railways
TF1300-1620	High speed ground transportation

**Subclass TG**

TG1-470

Bridge engineering



## Subclass TH

TH1-9745	Building construction
TH845-895	Architectural engineering. Structural engineering of buildings
TH900-915	Construction equipment in building
TH1000-1725	Systems of building construction Including fireproof construction, concrete construction
TH2025-3000	Details in building design and construction Including walls, roofs
TH3301-3411	Maintenance and repair
TH4021-4977	Buildings: Construction with reference to use Including public buildings, dwellings
TH5011-5701	Construction by phase of the work (Building trades)
TH6014-6081	Environmental engineering of buildings. Sanitary engineering of buildings
TH6101-6887	Plumbing and pipefitting
TH7005-7699	Heating and ventilation. Air conditioning
TH7700-7975	Illumination. Lighting
TH8001-8581	Decoration and decorative furnishings
TH9025-9745	Protection of buildings Including protection from dampness, fire, burglary

## Subclass TJ

TJ1-1570	Mechanical engineering and machinery
TJ163.13-163.25	Power resources
TJ163.26-163.5	Energy conservation
TJ170-179	Mechanics applied to machinery. Dynamics
TJ181-210	Mechanical movements
TJ210.2-211.47	Mechanical devices and figures. Automata. Ingenious mechanisms. Robots (General)
TJ212-225	Control engineering systems. Automatic machinery (General)
TJ227-240	Machine design and drawing
TJ241-254.7	Machine construction (General)
TJ255-265	Heat engines
TJ266-267.5	Turbines. Turbomachines (General)
TJ268-740	Steam engineering
TJ603-695	Locomotives
TJ751-805	Miscellaneous motors and engines Including gas, gasoline, diesel engines
TJ807-830	Renewable energy sources
TJ836-927	Hydraulic machinery
TJ940-940.5	Vacuum technology
TJ950-1030	Pneumatic machinery
TJ1040-1119	Machinery exclusive of prime movers
TJ1125-1345	Machine shops and machine shop practice
TJ1350-1418	Hoisting and conveying machinery
TJ1425-1475	Lifting and pressing machinery
TJ1480-1496	Agricultural machinery. Farm machinery
TJ1501-1519	Sewing machines

## Subclass TK

TK1-9971	Electrical engineering. Electronics. Nuclear engineering
TK301-399	Electric meters
TK452-454.4	Electric apparatus and materials. Electric circuits. Electric networks
TK1001-1841	Production of electric energy or power. Powerplants. Central stations
TK2000-2891	Dynamolectric machinery and auxiliaries Including generators, motors, transformers
TK2896-2985	Production of electricity by direct energy conversion
TK3001-3521	Distribution or transmission of electric power
TK4001-4102	Applications of electric power
TK4125-4399	Electric lighting
TK4601-4661	Electric heating
TK5101-6720	Telecommunication Including telegraphy, telephone, radio, radar, television
TK7800-8360	Electronics
TK7885-7895	Computer engineering. Computer hardware
TK8300-8360	Photoelectronic devices (General)
TK9001-9401	Nuclear engineering. Atomic power
TK9900-9971	Electricity for amateurs. Amateur constructors' manuals

## Subclass TL

TL1-4050

TL1-484

TL500-777

TL780-785.8

TL787-4050

Motor vehicles. Aeronautics. Astronautics

Motor vehicles. Cycles

Aeronautics. Aeronautical engineering

Rocket propulsion. Rockets

Astronautics. Space travel

## Subclass TN

TN1-997	Mining engineering. Metallurgy
TN263-271	Mineral deposits. Metallic ore deposits. Prospecting
TN275-325	Practical mining operations. Safety measures
TN331-347	Mine transportation, haulage and hoisting. Mining machinery
TN400-580	Ore deposits and mining of particular metals
TN600-799	Metallurgy
TN799.5-948	Nonmetallic minerals
TN950-997	Building and ornamental stones

## Subclass TP

TP1-1185	Chemical technology
TP155-156	Chemical engineering
TP200-248	Chemicals: Manufacture, use, etc.
TP248.13-248.65	Biotechnology
TP250-261	Industrial electrochemistry
TP267.5-301	Explosives and pyrotechnics
TP315-360	Fuel
TP368-456	Food processing and manufacture
TP480-498	Low temperature engineering. Cryogenic engineering. Refrigeration
TP500-660	Fermentation industries. Beverages. Alcohol
TP670-699	Oils, fats, and waxes
TP690-692.5	Petroleum refining. Petroleum products
TP700-746	Illuminating industries (Nonelectric)
TP751-762	Gas industry
TP785-869	Clay industries. Ceramics. Glass
TP875-888	Cement industries
TP890-933	Textile bleaching, dyeing, printing, etc.
TP934-945	Paints, pigments, varnishes, etc.
TP1080-1185	Polymers and polymer manufacture

## Subclass TR

TR1-1050	Photography
TR250-265	Cameras
TR287-500	Photographic processing. Darkroom technique
TR504-508	Transparencies. Diapositives
TR510-545	Color photography
TR550-581	Studio and laboratory
TR590-620	Lighting
TR624-835	Applied photography Including artistic, commercial, medical photography, photocopying processes
TR845-899	Cinematography. Motion pictures
TR925-1050	Photomechanical processes

## Subclass TS

TS1-2301	Manufactures
TS155-194	Production management. Operations management
TS195-198.8	Packaging
TS200-770	Metal manufactures. Metalworking
TS780-788	Stonework
TS800-937	Wood technology. Lumber
TS840-915	Wood products. Furniture
TS920-937	Chemical processing of wood
TS940-1047	Leather industries. Tanning
TS1060-1070	Furs
TS1080-1268	Paper manufacture and trade
TS1300-1865	Textile industries
TS1870-1935	Rubber industry
TS1950-1982	Animal products
TS2120-2159	Cereals and grain. Milling industry
TS2220-2283	Tobacco industry
TS2284-2288	Animal feeds and feed mills. Pet food industry



## Subclass TT

TT1-999	Handicrafts. Arts and crafts
TT161-170.7	Manual training. School shops
TT174-176	Articles for children
TT180-200	Woodworking. Furniture making. Upholstering
TT201-203	Lathework. Turning
TT205-267	Metalworking
TT300-382.8	Painting. Wood finishing
TT387-410	Soft home furnishings
TT490-695	Clothing manufacture. Dressmaking. Tailoring
TT697-927	Home arts. Homecrafts Including sewing, embroidery, decorative crafts
TT950-979	Hairdressing. Beauty culture. Barbers' work
TT980-999	Laundry work

## Subclass TX

TX1-1110	Home economics
TX301-339	The house Including arrangement, care, servants
TX341-641	Nutrition. Foods and food supply
TX642-840	Cookery
TX851-885	Dining-room service
TX901-946.5	Hospitality industry. Hotels, clubs, restaurants, etc. Food service
TX950-953	Taverns, barrooms, saloons
TX955-985	Building operation and housekeeping
TX1100-1105	Mobile home living
TX1110	Recreational vehicle living