

# **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 T10.5-11.9 T11.95-12.5 T55-55.3	Technology (General) Communication of technical information Industrial directories Industrial safety. Industrial accident prevention
T55.4-60.8 T57-57.97	Industrial engineering. Management engineering 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	
TA1501-1820	Transportation engineering
	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 transporation

## **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**

Electrical engineering. Electronics. Nuclear engineering
Electric meters
Electric apparatus and materials. Electric circuits. Electric networks
Production of electric energy or power. Powerplants. Central stations
Dynamoelectric machinery and auxiliaries
Including generators, motors, transformers
Production of electricity by direct energy conversion
Distribution or transmission of electric power
Applications of electric power
Electric lighting
Electric heating
Telecommunication
Including telegraphy, telephone, radio, radar, television
Electronics
Computer engineering. Computer hardware
Photoelectronic devices (General)
Nuclear engineering. Atomic power
Electricity for amateurs. Amateur constructors' manuals

## **Subclass TL**

TL1-4050 Motor vehicles. Aeronautics. Astronautics
TL1-484 Motor vehicles. Cycles
TL500-777 Aeronautics. Aeronautical engineering
TL780-785.8 Rocket propulsion. Rockets
TL787-4050 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**

TP875-888 Cement industries TP890-933 Textile bleaching, dyeing, printing, etc. TP934-945 Paints, pigments, varnishes, etc.	TP200-248         Chemical Biotechnot           TP248.13-248.65         Biotechnot           TP250-261         Industrial           TP267.5-301         Explosive           TP315-360         Fuel           TP368-456         Food production           TP480-498         Low temp           TP500-660         Fermental           TP670-699         Oils, fats           TP690-692.5         Petrol           TP700-746         Illuminat           TP751-762         Gas indus           TP785-869         Clay indus           TP875-888         Cement in           TP890-933         Textile b	electrochemistry s and pyrotechnics  cessing and manufacture perature engineering. Cryogenic engineering. Refrigeration ation industries. Beverages. Alcohol , and waxes pleum refining. Petroleum products ing industries (Nonelectric) stry stries. Ceramics. Glass industries leaching, 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 Ma	nufactures
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