

Product Group Classification InnoTrans 2010

(from A-Z)

Railway Technology

1. Railbound vehicles for public and freight transport

1.1 Public transport rail cars

- 1.1.1 Local and regional public transport rail cars
- 1.1.2 Long distance public transport rail cars
- 1.1.3 Motor units and motor coaches
- 1.2 Freight cars
- 1.2.1 Covered wagons
- 1.2.3 Flat wagons
- 1.2.2 Loading Units
- 1.2.5 Other Standard-type rail cars
- 1.2.4 Self-discharging wagons
- 1.2.6 Special-purpose rail cars
- 1.2.7 Tank wagons

1.3 Locomotives

1.4 Magnetic levitation trains

1.5 Narrow-gauge railway vehicles

1.6 Special-purpose cars

1.7 Rack railway-train

1.8 Other

2. Streetbound vehicles for freight transport

2.1 Intermodal transport vehicles

2.2 Other

3. Subassemblies and components

3.1 Driving gear

- 3.1.3 Automatic motor oil refilling systems
- 3.1.2 Driving systems and electronics
- 3.1.15 Engine preheaters
- 3.1.1 Exhaust gas silencer
- 3.1.8 Generators
- 3.1.10 Hydraulic drive systems for railway vehicles
- 3.1.11 Motors / Engines
- 3.1.12 Pneumatic material
- 3.1.14 System Technology
- 3.1.4 Traction motor housing
- 3.1.5 Traction motor ventilation
- 3.1.6 Traction motors
- 3.1.9 Transmissions
- 3.1.7 Vehicle lubrication
- 3.1.13 Wheelset gear sets

3.2 Energy / Electrical

- 3.2.1 Automation technology
- 3.2.3 Batteries
- 3.2.25 Battery chargers

- 3.2.2 Battery holders
- 3.2.4 Battery isolators
- 3.2.23 Cable protection
- 3.2.22 Cables and lines
- 3.2.24 Cassettes
- 3.2.26 Charging rectifiers
- 3.2.28 Circuit boards
- 3.2.9 Compressed air supply
- 3.2.40 Connectors
- 3.2.41 Control components
- 3.2.42 Control cubicles
- 3.2.29 Control systems
- 3.2.51 Converters
- 3.2.43 Current collectors
- 3.2.45 Current transformers
- 3.2.7 DC/DC converters
- 3.2.8 Diagnosing equipment
- 3.2.16 Driver panels
- 3.2.15 Earthing contacts
- 3.2.11 Electromechanical components
- 3.2.14 Energy meter
- 3.2.12 Energy storage
- 3.2.13 Energy supply systems
- 3.2.18 Field bus components
- 3.2.20 Filling level measuring technology
- 3.2.19 Floodlights keyboards
- 3.2.38 Fuses and Accessories
- 3.2.21 Handheld lamps
- 3.2.50 Interconnection systems
- 3.2.49 Inverters
- 3.2.17 Master controller
- 3.2.36 Metal contacts
- 3.2.6 Operating and control panels
- 3.2.48 Overvoltage safety systems
- 3.2.47 Pantographs
- 3.2.44 Power generating sets
- 3.2.27 Power switches and switchgear
- 3.2.10 Pressure measuring equipment
- 3.2.31 Registration and display systems
- 3.2.33 Relays
- 3.2.52 Resistances
- 3.2.32 Series terminals
- 3.2.39 Special-purpose electric machines
- 3.2.37 Switch cabinets and accessories
- 3.2.35 Switches
- 3.2.34 Switching gear
- 3.2.30 Tilting systems
- 3.2.46 Traction current converters & control systems
- 3.2.5 Ventilation/evacuation systems

3.3 Vehicle components

- 3.3.5 Acoustics systems
- 3.3.51 Air filter
- 3.3.39 Air-air systems
- 3.3.89 Antifriction bearings
- 3.3.6 Armature
- 3.3.31 Articulations
- 3.3.4 Axle guard sidebearer guides
- 3.3.3 Axle guard sidebearer liners
- 3.3.44 Ball bearings
- 3.3.49 Bearing housings
- 3.3.20 Bogie pivot centre plates
- 3.3.19 Bogies
- 3.3.15 Brake disks
- 3.3.14 Brake linings
- 3.3.16 Braking systems
- 3.3.55 Buffer
- 3.3.43 Capacitors
- 3.3.88 Car bodies
- 3.3.40 Carbon brushes
- 3.3.41 Carbon strips
- 3.3.34 Cardan shafts
- 3.3.30 Casing systems
- 3.3.36 Cast metal wheels
- 3.3.29 Clevis guides
- 3.3.21 Compressed air technology
- 3.3.42 Compressors
- 3.3.83 Connection systems
- 3.3.45 Cooling systems
- 3.3.93 Coupler carriers
- 3.3.46 Couplers
- 3.3.48 Coupling adaptors
- 3.3.47 Couplings
- 3.3.79 Door controls
- 3.3.77 Door furniture
- 3.3.78 Door opener push buttons
- 3.3.80 Door systems
- 3.3.1 Exhaust filtering systems
- 3.3.2 Exhaust silencer
- 3.3.8 Exterior claddings
- 3.3.7 Exterior parts
- 3.3.11 Fastening systems
- 3.3.73 Flexible shunt assemblies
- 3.3.35 Friction bearings
- 3.3.59 Friction pads for railway vehicles
- 3.3.17 Front fairings
- 3.3.81 Gangway installations
- 3.3.18 Gaskets
- 3.3.85 Glazing systems
- 3.3.87 Haunch, air-air and flow sections

3.3.37	Heating systems	3.4.12	Melamine resin foam	6.4.11	Reconstruction
3.3.63	Hoses	3.4.10	Plastics	6.4.12	Service enterprise shop practise
3.3.53	Impact protection modules	3.4.16	Protective films	6.4.8	Services
3.3.38	Integrated subassemblies	3.4.5	Rubber moulded articles	6.4.9	Systems analysis
3.3.33	Joint rod sockets	3.4.6	Rubber-metal connections	6.4.10	Transport of railway vehicles
3.3.12	Lighting systems	3.4.3	Sealing materials	4.5	<u>Other</u>
3.3.86	Locking technology and systems	3.4.11	Sound insulation materials	Interiors	
3.3.64	Locks and fittings	3.4.17	Special light-weight insulating materials	5.	Railway Interiors
3.3.65	Lubricating systems	3.4.18	Steel produces	5.1	Adjusted for handicapped use
3.3.24	Passenger counting systems	3.4.9	Structural foams	5.17	Air-conditioning systems
3.3.50	Profiles for lighting sittings	3.4.19	Textiles	5.3	Anti-pinch systems
3.3.92	Push/pull devices	3.4.13	Upholstery materials	5.16	cabin air ventilation/ - climatiation
3.3.56	Radar technology	3.4.21	Water varnish	5.29	Detrainment systems
3.3.28	Radio remote control systems	3.5	<u>Other</u>	5.5	Driver consoles
3.3.62	Rail brakes	4.	Service for vehicles	5.7	Fans for railway components
3.3.9	Rail hydraulic systems	4.1	<u>Maintenance</u>	5.4	fire protection isolation
3.3.23	Rail tyres	4.1.1	Exhaust systems	5.2	Floor coverings
3.3.90	Rectifier inverters	4.1.4	Bogie testing plants	5.6	Flooring systems
3.3.60	Rescue tools	4.1.15	Category of maintenance	5.25	Food dispensing
3.3.91	Resistance thermometers	4.1.5	Corner force measuring equipment	5.28	Food/beverage vending machines
3.3.32	Rocker bearings	4.1.6	Disposal systems	5.10	Hand-held lamps
3.3.54	Sections	4.1.16	Foils/films	5.11	Information- and advertising systems
3.3.69	Self-locking nuts	4.1.9	Inspection devices and systems	5.15	Installation equipment
3.3.68	Sensors	4.1.8	Lifting devices for tracked vehicles	5.12	Interior design systems
3.3.72	Shock absorbers	4.1.18	Maintenance machines	5.13	Interior furnishings
3.3.61	Sooty particle filters	4.1.11	Measuring equipment and systems	5.14	Interior lining
3.3.70	Special sections for rail car constrution	4.1.7	Replacement parts	5.18	Kitchen equipment
3.3.26	Springs/Spring systems	4.1.2	Re-railing equipment and systems	5.20	Lamps for rail cars
3.3.66	Storage compartment (below the wagon)	4.1.3	Sand filling systems	5.8	Luggage racks
3.3.10	Subassembly supports	4.1.17	Testing devices and systems	5.19	Refrigeration and counter systems
3.3.74	Testing systems	4.1.10	Varnishing devices	5.21	Roller blind systems
3.3.75	Thermocouples	4.1.12	Wheel force measurement systems	5.22	Sanitary cubicles
3.3.22	Thrust collars for tramway bogies	4.1.14	Wheelset diagnostic systems	5.24	Seating systems
3.3.52	Tilting technology	4.1.13	Wheelset treatment	5.9	Stay bars
3.3.76	Toilet systems	4.1.19	Workshop equipment	5.27	Surveillance systems
3.3.82	Valves	4.2	<u>Cleaning</u>	5.26	Textiles
3.3.25	Vehicle cabins	4.2.2	Cleaning equipment/ technology	5.23	Upholstery systems
3.3.13	Ventilation systems	4.2.3	Special cleaning services	Railway Infrastructure	
3.3.67	Vibration absorbers	4.2.1	Vehicle wash systems	6.	Infrastructure / Railway Construction
3.3.71	Wheel flange lubrication systems	4.2.4	Waste-water-treatment	6.1	<u>Construction work</u>
3.3.58	Wheelset pumps	4.3	<u>Restoration</u>	6.1.3	Building construction
3.3.57	Wheelsets	4.3.2	Damage repair and management	6.1.11	Civil and underground engineering
3.3.27	Window systems	4.3.1	Expertises	6.1.4	Civil engineering and construction
3.3.84	Wiring systems	4.4	<u>Services</u>	6.1.6	Control and signalling technology
3.4	<u>Materials</u>	4.4.6	Coating	6.1.1	Electrical power systems
3.4.1	Bent components in aluminium/steel	4.4.3	Commissioning	6.1.5	Maintenance
3.4.8	Adhesives	4.4.2	Design	6.1.2	Overhead contact line
3.4.20	Composite materials	4.4.4	Maintenance management systems	6.1.8	Permanent way welding technology
3.4.4	Flat products	4.4.5	Marking	6.1.9	Specialised civil engineering work
3.4.14	Foams	4.4.7	Modernisation	6.1.7	Superstructures
3.4.2	Insulating materials	4.4.1	Railway application testing		
3.4.7	Insulation materials				
3.4.15	Lubricants				
3.4.22	Materials for lightweight and sandwich construction				

6.1.10	Telecommunications	6.5.28	Cable channels	6.6.6	Cable ducts
6.1.12	Tunnel and bridge construction	6.5.19	Car retarder	6.6.8	Communications technology
6.2	<u>Planning and monitoring of construction works</u>	6.5.9	Catenaries	6.6.7	Control systems
6.2.5	Planning and control	6.5.17	Concrete track and points sleepers	6.6.4	Earth terminals for track construction
6.2.8	Planning of electric power supply	6.5.2	Construction site lighting	6.6.1	Level crossing systems
6.2.7	Planning of signalling and control systems	6.5.7	Electric points (switch) heater	6.6.5	Mechanical remote control equipment
6.2.6	Planning of superstructure, underground, and civil engineering works	6.5.49	Electric power supply	6.6.3	Operating control engineering
6.2.9	Planning review	6.5.6	End-of-track buffers	6.6.10	Signalling systems
6.2.10	Project planning	6.5.3	Friction buffer stops	6.6.9	Switchgears in earth systems
6.2.2	Site exploration / materials testing	6.5.15	Geotextiles	6.6.11	Warning systems for tracklaying sites
6.2.4	Supervision of works	6.5.14	Handrails	6.7	<u>Overhead line equipment</u>
6.2.11	Survey	6.5.24	Hot Box Detection System	6.7.6	Clamps and foundries components
6.2.1	Tendering and tender evaluation	6.5.26	Insulating joints	6.7.2	Engineering consultant
6.2.3	Work logistics	6.5.25	Insulation for railway catenary	6.7.3	Installation
6.3	<u>Railway track machinery, equipment and tools</u>	6.5.27	Isolated fastenings	6.7.5	Insulators and section insulators
6.3.2	Ballast cleaning machines	6.5.29	Long material equipment for road transport of rails	6.7.4	Maintenance
6.3.15	Ballast regulating machines	6.5.30	Long rails	6.7.10	Overhead installations
6.3.17	Ballast tamping machines	6.5.43	Lubricants	6.7.9	Overhead line measuring systems
6.3.4	Equipment	6.5.35	Marshalling equipment	6.7.11	Overhead line tests
6.3.1	Excavators	6.5.31	Mass-Spring-Systems	6.7.12	Steady arms and suspensions
6.3.13	Grinding machines	6.5.33	Measuring equipment	6.7.8	Suspension wire components
6.3.14	Grinding tools	6.5.36	Noise deadening	6.7.7	Tensioning devices
6.3.8	Heavy machinery and tower cranes	6.5.11	Panel track laying	6.7.13	Tools
6.3.9	Light machines	6.5.32	Plotting paper	6.7.1	Wires and cables
6.3.10	Measuring equipment and -systems	6.5.54	Points (switch) heaters	6.8	<u>Other services</u>
6.3.3	Overhead line vehicles	6.5.55	Points (switch) lubricating equipment	6.8.10	Ecological surveys
6.3.11	Rail Milling Machine	6.5.53	Points (switch) mechanisms	6.8.4	Electromagnetic compatibility
6.3.12	Rail-carrying train	6.5.52	Points (switches) and crossings	6.8.1	Health and safety
6.3.22	Road-rail vehicles	6.5.10	Power line masts	6.8.6	Inspection of tracks and points (switches)
6.3.16	Safety tools	6.5.8	Protection against mechanical vibrations	6.8.8	Machine repair
6.3.20	Switch inspection systems	6.5.50	Protection Systems	6.8.5	Platform covering
6.3.5	Track cars	6.5.40	Rail fastening equipment	6.8.2	Protection of construction sites
6.3.7	Track laying and track construction machines	6.5.39	Rail guards/ cow-catchers	6.8.7	Recycling of building materials
6.3.18	Track maintenance vehicles	6.5.42	Rail link units	6.8.9	Safety during hazardous cargo transport
6.3.6	Track recording cars	6.5.41	Rail lubrication systems	6.8.3	Site monitoring
6.3.19	Track warning systems for machinery	6.5.45	Railroad ties (sleepers)	6.8.11	Survey
6.3.21	Wagons for turnout transport	6.5.38	Rails	6.9	<u>Other</u>
6.4	<u>Station buildings</u>	6.5.20	Re-ballasting of tracks	Public Transport	
6.4.5	Air conditioning equipment	6.5.47	Safety engineering	7.	Public Transport / Fixed structures
6.4.4	Guide systems for blind	6.5.18	Siding track facilities	7.1	<u>Streetbound vehicles for local and regional public transport</u>
6.4.2	Platform edges	6.5.48	Special products for transport route construction	7.2	<u>Station and stop premises</u>
6.4.3	Platform systems	6.5.16	Steel grating	7.2.24	Advertisement systems
6.4.1	Platforms	6.5.12	Surface stabilisation systems	7.2.10	Bicycle parking facilities
6.5	<u>Technical equipment / building materials</u>	6.5.5	Third rail	7.2.21	Clock systems
6.5.1	Axle counters	6.5.57	Tongue rolls for switches	7.2.7	Counters
6.5.44	Ballast	6.5.21	Track bed systems	7.2.18	Customer service
6.5.4	Bridge girders	6.5.22	Track circuits	7.2.1	Dispatch facilities
6.5.34	Buffer stops	6.5.37	Track switchgear	7.2.12	Escalators
		6.5.23	Track systems	7.2.15	Furnishing for control stations
		6.5.56	Train preheating equipment		
		6.5.46	Vibration Isolation		
		6.5.51	Wearing- and sliding plastics, insulation plastics		
		6.5.13	Wheel flat detector		
		6.6	<u>Signalling and control systems</u>		
		6.6.2	Acoustics		

7.2.19	Information technology	8.	Transport IT	8.11.4	Traffic control systems
7.2.2	Lifts		Transport management / Data processing / Information / Communication	8.12	<u>Other</u>
7.2.17	Luggage locker facilities			9.	Freight traffic logistics
7.2.11	Moving pavements	8.1	<u>E-business</u>	9.1	Fleet management systems
7.2.8	Passenger counting systems	8.2	<u>Information technology / quality assurance systems</u>	9.4	Combined transport
7.2.23	Path control systems	8.2.5	Efficiency control	9.2	Hazardous cargo transports
7.2.5	Platform lighting	8.2.4	Geo information systems	9.3	Identification systems
7.2.16	Poster showcases	8.2.3	Journey analysis systems	9.8	Interchangeable containers, changing systems
7.2.14	Process control systems	8.2.2	Real-time statistics	9.6	Loading/Unloading systems and organisation
7.2.20	Roofing systems	8.2.1	Testing and analysis systems	9.9	Other
7.2.22	Shelters	8.3	<u>Components for information technology</u>	9.5	Shipment tracking systems
7.2.4	Station / telephone box doors	8.3.1	Sensors	9.7	Weighing equipment
7.2.6	Station dividing walls/doors	8.4	<u>Communication systems</u>	10.	Services
7.2.3	Station furnishings	8.4.1	Digital radio systems	10.1	<u>Institutions / Media / transport businesses</u>
7.2.13	Stop furnishings	8.4.3	Internet systems	10.1.7	Associations
7.2.9	Time-table and info-showcases	8.4.2	Interphone systems	10.1.1	Authorities
7.2.25	Weather protection	8.4.4	Mounting systems for train radio equipment	10.1.11	Business development
7.3	<u>Passenger information systems</u>	8.4.5	Train radio systems	10.1.3	Freight traffic businesses
7.3.7	Coach controllers	8.5	<u>Management systems</u>	10.1.4	Freight traffic centres
7.3.1	Display-cases	8.5.1	Depot Management	10.1.2	Industrial parks
7.3.2	GPS-controlled time displays	8.5.2	Facility management	10.1.9	Joint transport authorities
7.3.3	Infotainment systems	8.5.3	Infrastructure management systems	10.1.8	Organisations
7.3.4	Interactive Voice Response Systems (IVR)	8.5.4	Lean production	10.1.5	Passenger transport businesses
7.3.5	LED displays	8.6	<u>Operation - Rail Systems</u>	10.1.10	Publishing houses
7.3.6	Plasma displays	8.7	<u>Location and navigation systems</u>	10.1.13	Railway infrastructure company
7.3.8	Seat reservation systems	8.8	<u>Planning systems</u>	10.1.12	Science, research and development
7.3.9	System controllers	8.8.1	Time-table planning	10.1.6	Technology and incubation units
7.3.10	TFT flat panel displays	8.8.3	Optimisation	10.2	<u>Services in the transport industry</u>
7.3.11	TFT-LCD displays	8.8.4	Personnel- and service planning	10.2.1	Health and safety
7.4	<u>Passenger fare management</u>	8.8.5	Resources planning (personnel, wagons, locomotives)	10.2.17	Certification
7.4.1	Settlement systems	8.8.6	Roster planning	10.2.4	Documentation
7.4.10	Access systems	8.8.2	Vehicle deployment	10.2.7	Education and training
7.4.2	Board Computer	8.9	<u>Safety and control engineering</u>	10.2.10	Engineering services
7.4.3	Chip cards	8.9.1	Passenger alarm systems	10.2.15	Expert Services
7.4.5	Eelectronic payment systems	8.9.2	Computer-assisted operations control system	10.2.6	Financial services
7.4.9	Rate management	8.9.3	Video surveillance systems (CCTV)	10.2.16	Insurances
7.4.4	Revenue management	8.10	<u>Software / software development</u>	10.2.11	Leasing
7.4.8	RFID media	8.10.3	Analyses and calculations relating to the dynamics of vehicle movement	10.2.12	Marketing
7.4.6	Ticket defacing	8.10.1	Computer-based training programme	10.2.5	Passenger survey
7.4.7	Ticket issuing	8.10.2	E-Procurement	10.2.2	Recruitment agency
7.5	<u>Parking area management</u>	8.10.4	Software for project management	10.2.14	Recycling
7.5.1	Car park tickets	8.11	<u>Traffic Management</u>	10.2.8	Risk protection
7.6	<u>Cleaning / Waste Disposal</u>	8.11.1	Traffic data determination	10.2.3	Services shop floor level
7.6.2	Cleaning and waste disposal equipment	8.11.2	Traffic information systems	10.2.13	Testing services
7.6.1	Services	8.11.3	Traffic engineering	10.2.9	Trade
7.6.3	Washing and toilet facilities			10.3	<u>Analysis / Consulting / Development / Planning</u>
7.7	<u>Safety and control</u>			10.3.5	Complete solution for planning and design
7.7.2	Fire detection systems			10.3.2	Consultancy
7.7.4	Fire extinguishing systems			10.3.3	Design
7.7.3	Fire protection systems			10.3.4	Engineering
7.7.7	Monitoring systems			10.3.1	Execution planning
7.7.6	Safety engineering				
7.7.1	Security				
7.7.5	Supervising services				
7.8	<u>Other</u>				

- 10.3.6 Noise and vibration reduction
- 10.3.8 Project planning
- 10.3.9 Simulation/Calculation of power networks
- 10.3.7 Studies, conceptual and system planning
- 10.3.10 System-analysis / development
- 10.4 Realisation / Project-Management**
- 10.4.2 Contract and claims-, project and Construction Management
- 10.4.1 Electric project management
- 10.5 Other**

Tunnel Construction

11. Tunnel Construction

11.1 Construction machines, -parts and components

- 11.1.37 Access equipment
- 11.1.4 Building site equipment
- 11.1.18 Cables and accessories
- 11.1.35 Capstans
- 11.1.19 Compressors and pneumatical tools
- 11.1.10 Conveyor belt and -systems
- 11.1.20 Cranes/Lifting equipment
- 11.1.36 Crushing machines
- 11.1.8 Drilling derricks
- 11.1.5 Drilling platforms, supports and accessories
- 11.1.7 Drilling steels and rock drilling bits
- 11.1.1 Equipment for removing excavated material
- 11.1.27 Excavating machines for slurry trenches
- 11.1.32 Full face TBMs
- 11.1.11 Geotechnical instruments
- 11.1.33 Grouting, pouring and injection machines
- 11.1.6 Hammer drill
- 11.1.34 Heading shields
- 11.1.14 Hydraulic excavators & breakers
- 11.1.15 Injection devices and accessories
- 11.1.17 Injection hose systems
- 11.1.16 Injection packer and accessories
- 11.1.26 Lining and scaffolding
- 11.1.21 Machines and systems for track construction
- 11.1.22 Microtunnelling and trenchless headings
- 11.1.9 Moisture separators
- 11.1.13 Pick wheels
- 11.1.23 Piling equipment/systems
- 11.1.2 Power Plant
- 11.1.28 Probe/diamond core cutters
- 11.1.24 Pumps
- 11.1.29 Rail-head equipment / drilling jibs
- 11.1.3 Rock-crushing equipment

- 11.1.25 Shaft boring devices
- 11.1.12 Track transport and carrying devices
- 11.1.30 Transport- and feed systems
- 11.1.31 Tunnel boring machines
- 11.2 Finishing**
- 11.2.19 Air cleaning/waste-air disposal
- 11.2.17 Air conditioning/ventilation
- 11.2.18 Air conduction systems
- 11.2.3 Building industry
- 11.2.2 Compensating plate
- 11.2.6 Concrete vibrators
- 11.2.12 Dedusting systems
- 11.2.13 Drainage and pump systems
- 11.2.26 Drill-and-blast tunnelling
- 11.2.10 Electrification
- 11.2.11 Electrotechnology
- 11.2.4 Fastening systems
- 11.2.15 Gas-extraction equipment/ systems
- 11.2.7 Ground freezing
- 11.2.8 Ground stabilization
- 11.2.16 Impregnate/Sealing of facing
- 11.2.9 Improvement of land
- 11.2.5 Lighting systems
- 11.2.22 Pipes and pipe connections
- 11.2.31 Planking
- 11.2.28 Power Systems
- 11.2.32 Reinforcement and tensioning device
- 11.2.21 Relining
- 11.2.14 Rock bolts/anchors
- 11.2.24 Shaft linings
- 11.2.23 Shaft sinking
- 11.2.25 Slurry walls, shields and trenches
- 11.2.1 Support devices / support arches / steel supports / lattice girders
- 11.2.20 Technical engineering and terotechnology
- 11.2.29 Tunnel coatings
- 11.2.30 Tunnel membranes, water stops
- 11.2.27 Tunnel supports
- 11.3 Building and other materials**
- 11.3.10 Ballast
- 11.3.2 Bitumen
- 11.3.15 Cement and additives
- 11.3.13 Clay
- 11.3.1 Concrete
- 11.3.11 Explosives
- 11.3.9 Foam and Polymeres
- 11.3.6 Gravel
- 11.3.14 Grouting materials
- 11.3.4 Gypsum
- 11.3.3 Injection products
- 11.3.5 Lime
- 11.3.7 Mortar
- 11.3.8 Sand
- 11.3.12 Shotcrete/Concrete additives

- 11.4 Maintenance**
- 11.4.2 Hydraulic service equipment
- 11.4.3 Lubricants
- 11.4.1 Preservation, decontamination, backfitting
- 11.4.4 Tunnel maintenance
- 11.5 Safety features**
- 11.5.5 Controlsystems
- 11.5.3 Fire protection
- 11.5.6 Measurement/examination/ control and test equipment
- 11.5.9 Monitoring/Warning/ Alarmsystems
- 11.5.7 Personal safety
- 11.5.4 Protection against dangers
- 11.5.1 Safety at work
- 11.5.8 Safety equipment/-systems
- 11.5.2 Site safety
- 11.6 Communication**
- 11.6.3 Internet Systems
- 11.6.2 Interphone systems
- 11.6.5 Managementsystems
- 11.6.1 Radio systems
- 11.6.6 Software
- 11.6.7 Telecommunication
- 11.6.4 Underground communications
- 11.6.8 Video systems
- 11.7 Services/Consulting**
- 11.7.16 Associations, Organisations
- 11.7.3 Authorities
- 11.7.1 Calls for tenders / drafting and awarding contracts
- 11.7.21 Certification
- 11.7.2 Construction-site logistics
- 11.7.4 Consultancy
- 11.7.19 Contract and claims-, project and construction management
- 11.7.6 Documentation
- 11.7.11 Engineering services
- 11.7.12 Expert Services
- 11.7.8 Financing/Insurance
- 11.7.9 Geology
- 11.7.10 Geotechnical services
- 11.7.18 Measurement
- 11.7.13 Monitoring harmful substances
- 11.7.5 Operational, environmental and safety equipment/systems
- 11.7.17 Publishers
- 11.7.20 Science, Research & Development
- 11.7.14 System analysis, -development
- 11.7.15 Technology centre
- 11.7.7 Trade Publications
- 11.8 Clothing/workwear**
- 11.8.1 Geo Textiles
- 11.8.2 Headgear
- 11.8.3 Protective Clothing
- 11.8.4 Shoes
- 11.9 Others**