

<p>1. BUILDING COMPONENTS AND BUILDING MATERIALS</p> <hr/> <p>1.1. Land-use planning and zoning process, architectonic, design and engineering services</p> <p>1.1.1. Land-use planning and zoning process</p> <p>1.1.1.1. Background data and documentation for the land-use planning and zoning process</p> <p>1.1.1.2. Designing</p> <p>1.1.1.2.1. Urban development</p> <p>1.1.1.2.2. Architectonic designs</p> <p>1.1.1.2.3. Designing of renovation</p> <p>1.1.1.2.4. Designing of engineering constructions</p> <p>1.1.1.2.5. Structural computations</p> <p>1.1.1.2.6. Budgeting</p> <p>1.1.2. Architectonic activities, design</p> <p>1.1.3. Computer technologies</p> <p>1.1.3.1. Hardware</p> <p>1.1.3.2. Software</p> <p>1.1.3.2.1. CAD systems</p> <p>1.1.3.2.2. Software for technical computations</p> <p>1.1.3.3. Database and information systems</p> <p>1.1.3.4. Internet</p> <p>1.1.3.4.1. Specialised portals</p> <p>1.1.3.4.2. Internet shops</p> <p>1.1.3.4.3. Services on the Internet</p> <p>1.1.4. Cartography, mapping</p> <p>1.1.5. Geodetic activities</p> <p>1.1.5.1. Construction survey</p> <p>1.1.6. Engineering constructions</p> <p>1.1.7. Construction geology, geophysics, climatology</p> <p>1.1.8. Technologies of constructions and building work</p> <p>1.1.8.1. Technologies for amenities</p> <p>1.1.8.2. Technologies for industrial buildings</p> <p>1.1.8.3. Technologies for farming buildings</p> <p>1.1.8.4. Technologies of constructions for warehousing</p> <p>1.1.9. Economy</p> <p>1.1.10. Building law</p> <p>1.1.11. Building construction</p>	<p>1.2. Buildings</p> <p>1.2.1. Area equipment</p> <p>1.2.1.1. Power engineering and gas management facility constructions</p> <p>1.2.1.2. Water management facility constructions</p> <p>1.2.1.2.1. Lock chamber, water course realignment systems</p> <p>1.2.1.2.2. Flood protection adjustments and constructions</p> <p>1.2.1.2.3. Dams, water reservoirs</p> <p>1.2.1.2.4. Drainage and irrigation systems</p> <p>1.2.1.3. Collectors</p> <p>1.2.1.4. Free area formation</p> <p>1.2.1.5. Heat supply facilities</p> <p>1.2.1.6. Transport constructions</p> <p>1.2.1.7. Waste disposal facilities</p> <p>1.2.1.8. Ecological constructions</p> <p>1.2.1.9. Forestry constructions</p> <p>1.2.1.10. Water supply buildings</p> <p>1.2.1.10.1. Water towers, water mains</p> <p>1.2.1.10.2. Water treatment plants</p> <p>1.2.1.11. Power supply buildings</p> <p>1.2.1.11.1. Water power plants</p> <p>1.2.1.11.2. Thermal power plants</p> <p>1.2.1.11.3. Nuclear power plants</p> <p>1.2.1.11.4. Gas power plant</p> <p>1.2.1.11.5. Transformer and converter stations</p> <p>1.2.2. Buildings for living and accommodation</p> <p>1.2.2.1. Residential buildings</p> <p>1.2.2.2. Family houses</p> <p>1.2.2.3. Buildings for long-term accommodation</p> <p>1.2.2.4. Buildings for short-term accommodation</p> <p>1.2.2.5. Recreational houses and cottages</p> <p>1.2.2.6. Loft superstructures and attic apartments</p> <p>1.2.3. Amenities</p> <p>1.2.3.1. Administrative buildings</p> <p>1.2.3.2. Education, training and research facilities</p> <p>1.2.3.3. Entertainment, culture and popular education facilities</p> <p>1.2.3.4. Sports constructions</p> <p>1.2.3.4.1. Technologies for sports constructions</p> <p>1.2.3.4.2. Equipment and accessories for sports facilities</p> <p>1.2.3.4.3. Sports surfaces and floors</p> <p>1.2.3.4.4. Maintenance and operation of sports equipment</p> <p>1.2.3.5. Health sector facilities</p> <p>1.2.3.6. Shopping and goods handling</p> <p>1.2.3.7. Transport and communication facilities</p> <p>1.2.4. Buildings for industrial production</p>
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- 1.2.5. Buildings for agricultural production**
- 1.2.6. Storage facilities**
 - 1.2.6.1. Cooling and freezing plants
 - 1.2.6.2. Tanks
 - 1.2.6.3. Silos
- 1.2.7. Small constructions**
 - 1.2.7.1. Garden architecture
 - 1.2.7.2. Mobile WC systems
- 1.2.8. Environment-friendly and energy saving construction systems**
 - 1.2.8.1. Projects and designs
 - 1.2.8.2. Low-energy consumption houses
 - 1.2.8.3. Passive houses
 - 1.2.8.4. Zero energy houses
 - 1.2.8.5. Materials for environment-friendly and energy-efficient building
 - 1.2.8.6. Lagging for environment-friendly and energy-efficient building
 - 1.2.8.7. Measurement of thermal leaks and heat loss
 - 1.2.8.8. Energy audits and consultancy
 - 1.2.8.9. Subsidy management
- 1.3. Construction implementation**
 - 1.3.1. Construction site equipment**
 - 1.3.2. Foundations and substructures**
 - 1.3.2.1. Securing of soil against movements
 - 1.3.2.2. Substructure insulation systems
 - 1.3.2.3. Foundations
 - 1.3.2.4. Deep foundations
 - 1.3.3. Structures**
 - 1.3.3.1. Constructional systems
 - 1.3.3.2. Building systems
 - 1.3.3.3. External walls
 - 1.3.3.4. Internal walls and partitions
 - 1.3.3.5. Upper floor structures
 - 1.3.3.6. Staircases and permanent ramps
 - 1.3.3.6.1. Wooden staircase
 - 1.3.3.6.2. Metal staircase
 - 1.3.3.6.3. Concrete staircase
 - 1.3.3.6.4. Stone staircase
 - 1.3.3.6.5. Staircase steps
 - 1.3.3.6.6. Folding staircase, attic stairs
 - 1.3.3.7. Chimneys, funnel shafts and uptakes
 - 1.3.3.8. Roofs and roof trusses
 - 1.3.4. Building materials**
 - 1.3.4.1. Inorganic materials
 - 1.3.4.1.1. Stone and stone products
 - 1.3.4.1.1.1. Quarry stones
 - 1.3.4.1.1.2. Stone blocks, machined
 - 1.3.4.1.1.3. Stone boards
 - 1.3.4.1.1.4. Limestone
 - 1.3.4.1.1.5. Sandstone
 - 1.3.4.1.1.6. Shale
 - 1.3.4.1.1.7. Volcanic rocks
 - 1.3.4.1.1.8. Conglomerated stone
 - 1.3.4.1.1.9. Metamorphic rocks
 - 1.3.4.1.2. Burnt building products
 - 1.3.4.1.2.1. Bricks
 - 1.3.4.1.2.2. Ceramic pieces and boards
 - 1.3.4.1.2.3. Roof tiles
 - 1.3.4.1.2.4. Pavers and tiles
 - 1.3.4.1.2.5. Stoneware pipes
 - 1.3.4.1.2.6. Sanitary ceramics
 - 1.3.4.1.2.7. Fire resistant products
 - 1.3.4.1.2.8. Chemically resistant products
 - 1.3.4.1.3. Metals and metallic products
 - 1.3.4.1.3.1. Profiles and bars
 - 1.3.4.1.3.2. Metal sheet
 - 1.3.4.1.3.3. Covers, lids, grilles
 - 1.3.4.1.3.4. Wires, nettings, fencing systems
 - 1.3.4.1.3.5. Pipes
 - 1.3.4.1.3.6. Cast iron products
 - 1.3.4.1.3.7. Aluminium products
 - 1.3.4.1.3.8. Non-ferrous metal products
 - 1.3.4.1.3.9. Stainless metal products
 - 1.3.4.1.3.10. Surface treatments of metals
 - 1.3.4.1.4. Glass, glass fibres and products of these materials
 - 1.3.4.1.4.1. Glass blocks
 - 1.3.4.1.4.2. Foam glass boards
 - 1.3.4.1.4.3. Armoured glass and security glass
 - 1.3.4.1.4.4. Glass fibres, wool
 - 1.3.4.1.4.5. Glass pipes
 - 1.3.4.1.4.6. Flat glass
 - 1.3.4.1.4.7. Organic glass
 - 1.3.4.1.5. Mineral liquid alloys and fibrous materials
 - 1.3.4.1.6. Plasterboard materials
 - 1.3.4.1.7. Non-burnt walling materials
 - 1.3.4.1.7.1. Porous concrete
 - 1.3.4.1.7.2. Lime-sand masonry elements
 - 1.3.4.2. Organic materials
 - 1.3.4.2.1. Wood and wooden products
 - 1.3.4.2.2. Organic and synthetic fibrous materials
 - 1.3.4.2.3. Plastic materials and products of plastic materials

- 1.3.4.2.4. Cork and cork products
- 1.3.4.3. Shapeless products
- 1.3.4.3.1. Filling materials
- 1.3.4.3.2. Binding agents
- 1.3.4.3.3. Coating materials, adhesives, glues
- 1.3.4.3.3.1. External coatings for rendering
- 1.3.4.3.3.2. Coatings for indoor plasters
- 1.3.4.3.3.3. Coatings for wooden materials
- 1.3.4.3.3.4. Coatings for metal materials
- 1.3.4.3.3.5. Coatings for concrete
- 1.3.4.3.3.6. Impregnation means
- 1.3.4.3.3.7. Pigments
- 1.3.4.3.3.8. Adhesives, hardening agents, catalysts
- 1.3.4.3.3.9. Glues and adhesives
- 1.3.4.3.3.10. Putties
- 1.3.4.3.4. Additives and admixtures
- 1.3.4.4. Other shaped products
- 1.3.4.4.1. Attachment and connection elements
- 1.3.4.4.2. Sealing elements
- 1.3.4.5. Concrete and mortar products
- 1.3.4.5.1. Concrete mixtures
- 1.3.4.5.2. Pieces and panels made of concrete
- 1.3.4.5.3. Concrete roof tiles
- 1.3.4.5.4. Concrete moulded bricks, masonry units, fences
- 1.3.4.5.5. Concrete pipes, elements for underground networks
- 1.3.4.5.6. Products made of lightweight concrete mixtures
- 1.3.4.5.7. Mortar mixtures
- 1.3.4.5.8. Rendering mixtures
- 1.3.4.5.9. Maintenance mixtures
- 1.3.4.5.10. Concrete Paving
- 1.3.4.5.11. Concrete in Garden Architecture
- 1.3.4.5.12. Concrete in Public Spaces and Industrial Communications
- 1.3.5. Technical equipment of buildings**
- 1.3.5.1. Sewerage systems
- 1.3.5.2. Water mains, water plumbing installations and water tanks
- 1.3.5.3. Cleaning, treatment and processing of water
- 1.3.5.4. Cleaning, treatment and processing of waste water
- 1.3.5.5. Air cleaning
- 1.3.5.6. Gas line
- 1.3.5.7. Stationary sprinkler systems
- 1.3.5.8. Waste removal
- 1.3.6. Insulation materials and products**
- 1.3.6.1. Thermal insulation systems
- 1.3.6.1.1. Bulk materials
- 1.3.6.1.2. Bulk wool, felt liners
- 1.3.6.1.3. Boards
- 1.3.6.1.4. Belts, foils, mats
- 1.3.6.1.5. Sprayings, coatings, screeding
- 1.3.6.1.6. Shaped products
- 1.3.6.2. Insulation from water and humidity
- 1.3.6.2.1. Foils and belts, hydro-insulation
- 1.3.6.2.2. Sprayings, coatings, screeding
- 1.3.6.2.3. Preparations for humid masonry maintenance
- 1.3.6.3. Acoustic insulation systems
- 1.3.6.3.1. Bulk materials
- 1.3.6.3.2. Bulk wool, felt liners
- 1.3.6.3.3. Boards
- 1.3.6.3.4. Belts, foils, mats
- 1.3.6.3.5. Sprayings, coatings, screeding
- 1.3.6.3.6. Shaped products
- 1.3.6.4. Insulation from shocks and vibrations
- 1.3.6.5. Special insulation
- 1.3.7. Final completion**
- 1.3.7.1. Windows
- 1.3.7.1.1. Wooden windows
- 1.3.7.1.2. Steel windows
- 1.3.7.1.3. Plastic windows
- 1.3.7.1.4. Aluminium windows
- 1.3.7.1.5. Roof windows
- 1.3.7.1.6. Tube windows, light guiding systems
- 1.3.7.1.7. Equipment for windows
- 1.3.7.1.7.1. Security of windows
- 1.3.7.1.7.2. Protection foils for windows
- 1.3.7.1.7.3. Parapets
- 1.3.7.1.7.4. Window and door frames
- 1.3.7.2. Windows and gate doors
- 1.3.7.2.1. Wooden doors
- 1.3.7.2.2. Steel doors
- 1.3.7.2.3. Plastic doors
- 1.3.7.2.4. Aluminium doors
- 1.3.7.2.5. Turnstiles
- 1.3.7.2.6. Security doors
- 1.3.7.2.7. Fire doors
- 1.3.7.2.8. Built-in door frames and sliding door pockets
- 1.3.7.2.8.1. Security of doors
- 1.3.7.2.8.2. Awnings and marquees above doors
- 1.3.7.2.8.3. Built-in door frames and sliding door pockets
- 1.3.7.2.8.4. Fittings and handles
- 1.3.7.2.9. Gate doors
- 1.3.7.2.9.1. Rolling gates
- 1.3.7.2.9.2. Sectional gates
- 1.3.7.2.9.3. Sliding gates
- 1.3.7.3. Shading technology
- 1.3.7.3.1. Interior shading

- 1.3.7.3.1.1. Interior jalousie
- 1.3.7.3.1.2. Textile interior shading
- 1.3.7.3.2. Exterior shading
- 1.3.7.3.2.1. Outdoor jalousie
- 1.3.7.3.2.2. Outdoor blinds
- 1.3.7.3.2.3. Awnings and shading of winter gardens
- 1.3.7.3.2.4. Textile facade shading
- 1.3.7.3.2.5. Pergolas
- 1.3.7.3.2.6. Sun protection blades
- 1.3.7.3.3. Mosquito nets
- 1.3.7.3.4. Propulsion for shading technology
- 1.3.7.3.5. Control system for shading technology
- 1.3.7.4. Floors
- 1.3.7.4.1. Flexible floors
- 1.3.7.4.2. Double floors
- 1.3.7.4.3. Special floors
- 1.3.7.4.4. Floor insulation systems
- 1.3.7.4.5. Floor grilles
- 1.3.7.4.6. Floor surfaces
- 1.3.7.5. Final completion of roofs
- 1.3.7.5.1. Membrane roofing systems for inclined roofs
- 1.3.7.5.2. Membrane roofing systems for flat roofs
- 1.3.7.5.3. Roof light and skylight systems
- 1.3.7.5.4. Large-area glazing of roofs
- 1.3.7.5.5. Drainage, lining and ventilation of roofs
- 1.3.7.5.6. Roof and chimney footbridges
- 1.3.7.5.7. Thermal insulation of roofs
- 1.3.7.5.8. Hydro-insulation of roofs
- 1.3.7.5.9. Vapour barriers
- 1.3.7.6. Operation blocking systems
- 1.3.7.6.1. Fencing
- 1.3.7.6.2. Gates
- 1.3.7.6.3. Barriers
- 1.3.7.7. Railing system and handrails
- 1.3.7.8. Fittings for building applications
- 1.3.7.8.1. Finishing and door hardware
- 1.3.7.8.2. Ironmongery
- 1.3.7.8.3. Security fittings for buildings
- 1.3.7.9. Large-area glazing
- 1.3.7.9.1. Roofing for indoor gardens
- 1.3.7.10. Automatic door systems

- 1.3.8. Equipment of premises**
- 1.3.8.1. Outdoor equipment
- 1.3.8.1.1. Equipment for gardens
- 1.3.8.1.2. Equipment for children playgrounds
- 1.3.8.2. Entrance area equipment
- 1.3.8.3. Purpose area equipment
- 1.3.8.3.1. Equipment for administrative applications
- 1.3.8.3.2. Equipment for schools and scientific and research facilities
- 1.3.8.3.3. Equipment for physical education and sports
- 1.3.8.3.4. Equipment for culture and educational training
- 1.3.8.3.5. Equipment for the health sector
- 1.3.8.3.6. Equipment for shops, services and catering
- 1.3.8.3.7. Equipment for transport and communications
- 1.3.8.3.8. Equipment for wholesale facilities, workshops
- 1.3.8.3.9. Equipment for farming
- 1.3.8.4. Kitchens
- 1.3.8.4.1. Kitchen equipment
- 1.3.8.4.2. Kitchen desks
- 1.3.8.4.3. Kitchen units
- 1.3.8.4.4. Kitchen furniture
- 1.3.8.5. Service cores
- 1.3.8.6. Equipment of washrooms and laundries
- 1.3.8.7. Furniture
- 1.3.8.7.1. Garden furniture
- 1.3.8.7.2. Cabinets, cabinet walls, built-in cupboards, closets
- 1.3.8.7.3. Tables
- 1.3.8.7.4. Chairs, seating furniture
- 1.3.8.7.5. Fixtures and fittings
- 1.3.8.7.6. Furniture fittings
- 1.3.8.8. Indoor accessory articles
- 1.3.8.9. Safety vaults, safety deposit boxes
- 1.3.8.10. Lifts

- 1.3.9. Surfaces**
- 1.3.9.1. Outdoor areas
- 1.3.9.1.1. Interlocking paver systems
- 1.3.9.1.2. Large-area blocks
- 1.3.9.1.3. Cobblestones
- 1.3.9.1.4. Pavers
- 1.3.9.1.5. Grass moulded bricks
- 1.3.9.2. Surfaces of outdoor walls**
- 1.3.9.2.1. Face bricks
- 1.3.9.2.2. Rendering and plastering materials
- 1.3.9.2.3. Block tiling systems
- 1.3.9.2.4. Foils
- 1.3.9.2.5. Coatings, spray materials
- 1.3.9.2.6. Adhesives
- 1.3.9.2.7. Grillages under tiling systems
- 1.3.9.2.8. Thermal insulation systems
- 1.3.9.3. Surfaces of indoor walls**
- 1.3.9.3.1. Face bricks
- 1.3.9.3.2. Rendering and plastering materials
- 1.3.9.3.3. Block tiling systems
- 1.3.9.3.4. Foils, wallpapers
- 1.3.9.3.5. Coatings, spray materials
- 1.3.9.3.6. Adhesives
- 1.3.9.3.7. Grillages under tiling systems
- 1.3.9.3.8. Thermal insulation systems

- 1.3.9.4. Soffits and lower ceilings
 - 1.3.9.4.1. Firm soffits
 - 1.3.9.4.2. Suspended ceilings
 - 1.3.9.4.3. Acoustic decks and ceilings
 - 1.3.9.4.4. Suspended ceilings
 - 1.3.9.4.5. Tight soffits
- 1.3.9.5. Step-on floor layers
 - 1.3.9.5.1. Carpets
 - 1.3.9.5.2. Screeding-finished floors
 - 1.3.9.5.3. Boards, pavers, parquets
 - 1.3.9.5.4. Floating floors and floors on elastic bases
 - 1.3.9.5.5. Foils
 - 1.3.9.5.6. Coatings
 - 1.3.9.5.7. Adhesives
 - 1.3.9.5.8. Putties
 - 1.3.9.5.9. Floor and staircase bars
 - 1.3.9.5.10. Staircase step surfaces
- 1.3.9.6. Roof covering systems
 - 1.3.9.6.1. Screeding-based roof coverings
 - 1.3.9.6.2. Board-based roof coverings
 - 1.3.9.6.3. Foil-based roof coverings
 - 1.3.9.6.4. Flat roof surfaces
 - 1.3.9.6.5. Coatings
 - 1.3.9.6.6. Adhesives
- 1.3.10. Technological equipment of constructions**
 - 1.3.10.1. Building technologies for area facilities
 - 1.3.10.2. Technologies for amenity constructions
 - 1.3.10.2.1. Parking systems and garaging
 - 1.3.10.3. Technologies for industrial constructions
 - 1.3.10.4. Technologies for agricultural constructions
 - 1.3.10.5. Technologies for storage facility constructions
- 1.3.11. Measurement, control and regulation systems**
- 1.3.12. Mediums supplied**
 - 1.3.12.1. Electrical energy
 - 1.3.12.2. Water
 - 1.3.12.3. Gas
 - 1.3.12.4. Thermal energy
- 1.4. Building activities**
 - 1.4.1. Foundation of buildings**
 - 1.4.2. Main building production**
 - 1.4.2.1. Iron fitting work
 - 1.4.2.2. Stone-cutting work
 - 1.4.2.3. Bricklayer's work
 - 1.4.2.4. Insulation work
 - 1.4.2.5. Structural safety
 - 1.4.2.6. Humid masonry maintenance
 - 1.4.2.7. Earthwork
 - 1.4.2.8. Pipeline laying
 - 1.4.2.9. Concrete work
 - 1.4.3. Secondary building production**
 - 1.4.3.1. Roofer's work
 - 1.4.3.2. Tinsmith's work
 - 1.4.3.3. Joinery and carpentry work
 - 1.4.3.4. Blacksmith and locksmith's work
 - 1.4.3.5. Glazing work
 - 1.4.3.6. Surface treatment work
 - 1.4.3.7. Plumbing work
 - 1.4.3.8. Electrical installation work
 - 1.4.3.9. Welding work
 - 1.4.3.10. Paving and tile setting work
 - 1.4.4. Lagging, formwork and scaffolding**
 - 1.4.5. Maintenance, renovation and modernisation of buildings**
 - 1.4.5.1. Maintenance of completed constructions and structures
 - 1.4.5.3. Investigation of the condition of buildings
 - 1.4.5.4. Renovation of monument buildings
 - 1.4.5.5. Renovation of panel buildings
 - 1.4.6. Underground constructions**
 - 1.4.7. Demolitions**
 - 1.5. Protection of constructions and requirements on constructions**
 - 1.5.1. Protection of constructions**
 - 1.5.1.1. Protection of chemical, biological, climatic and seismic impacts
 - 1.5.1.2. Protection of electrical impacts, including lightning
 - 1.5.1.3. Protection of explosion or fire hazards
 - 1.5.1.4. Protection of radiation and magnetism
 - 1.5.1.5. Flood protection
 - 1.5.2. Requirements on constructions**
 - 1.5.2.1. Requirements from the viewpoint of persons with impaired mobility and orientation
 - 1.5.2.2. Requirements from the viewpoint of protection of the environment
 - 1.5.2.3. Requirements from the viewpoint of occupational health and work safety

1.5.2.4.	Requirements from the viewpoint of children	1.8.15.	Financial institutions
1.5.2.5.	Requirements from the viewpoint of care for monuments	1.8.16.	Real estate agencies
1.5.2.6.	Requirements from the viewpoint of energy demands	1.8.17.	Integrated rescue systems
		1.8.18.	Ecology, protection of working and living environment
1.6.	Waste disposal and recycling	1.9.	Special services
1.6.1.	Municipal services	1.9.1.	Special work
1.6.2.	Machinery and equipment for waste handling, technologies and accessories	1.9.1.1.	Work at heights
1.6.3.	Recycling and waste processing technologies	1.9.1.2.	Art work
1.6.4.	Waste processing and waste usage	1.9.2.	Cleaning companies
1.7.	Technical branches	1.9.3.	Facility management
1.7.1.	Building physics	1.10.	Press and promotion
1.7.1.1.	Constructional mechanics, structural analysis	1.10.1.	Translation activities
1.7.1.2.	Acoustics, noise, vibrations	1.10.2.	Promotional activities
1.7.1.3.	Thermal technologies	1.10.3.	Publishing activities
1.7.1.4.	Elasticity, dynamics	1.10.4.	Internet servers
1.7.1.5.	Lights, optics, illuminations	1.10.5.	Associations, unions, societies, groups, guilds
1.7.1.6.	Air flowing, ventilation	1.10.6.	Educational and information activities
1.7.1.7.	Hydraulics and hydrology	1.10.6.1.	Schools
1.8.	Services	1.10.6.2.	Organisation of conferences and seminars
1.8.1.	State administration	1.10.6.3.	Organisation of professional courses and training sessions
1.8.2.	Building guilds, associations, chambers	1.10.6.4.	Exhibition activities
1.8.3.	Engineering activities	1.10.6.5.	Information activities
1.8.4.	Research and development	1.10.6.6.	Consulting and advisory activities
1.8.4.1.	Scientific institutes	1.11.	Machinery, equipment, aids and instruments
1.8.4.2.	Laboratories	1.11.1.	Transport machinery and equipment
1.8.5.	Expert activities	1.11.1.1.	Transport means
1.8.5.1.	Judicial experts	1.11.1.2.	Material handling machinery
1.8.5.2.	Professional assessments, audits	1.11.1.3.	Building lifts and winches
1.8.5.3.	Valuations	1.11.1.4.	Working platforms and footbridges
1.8.6.	Valuation	1.11.1.5.	Cranes
1.8.6.1.	Valuation of constructions and projects	1.11.1.6.	Utility vehicles
1.8.6.2.	Testing engineering	1.11.1.7.	N1 vehicles
1.8.7.	Diagnostic activities	1.11.1.8.	Passenger cars
1.8.8.	Standardisation activities	1.11.1.9.	Lending, renting and letting
1.8.9.	Consultancy	1.11.1.10.	Leasing
1.8.10.	Foreign firm representation	1.11.2.	Building machinery, equipment and aids
1.8.11.	Marketing	1.11.2.1.	Earthwork machines
1.8.12.	Insurance companies	1.11.2.2.	Engineering and utility network machines
1.8.13.	Development companies	1.11.2.3.	Machines for production, transport and loading of concrete mixtures
1.8.14.	Investment companies		

- 1.11.2.4. Instruments, tools, apparatus systems
- 1.11.2.5. Debris transport systems
- 1.11.2.6. Formwork and moulds
- 1.11.2.7. Scaffoldings, ladders
- 1.11.2.8. Sheet-pile walls

- 1.11.3. Other machinery, equipment, aids, instruments**
- 1.11.3.1. Cleaning machines
- 1.11.3.2. Geodetic instruments and aids, including laser instruments
- 1.11.3.3. Garden technology

- 1.11.4. Occupational health and safety**

- 1.11.5. Energy generation machinery**
- 1.11.5.1. Machinery for power generation
- 1.11.5.2. Machinery for heat production
- 1.11.5.3. Machinery for compressed air production

- 1.12. Building chemicals**
- 1.12.1. Silicones
- 1.12.2. Putties
- 1.12.3. Acrylates
- 1.12.4. Glues and adhesives
- 1.12.5. Assembly foams
- 1.12.6. Chemical anchors
- 1.12.7. Painting materials, varnishes
- 1.12.8. Façade renders
- 1.12.9. Internal plasters and coatings
- 1.12.10. Penetration, impregnation
- 1.12.11. Materials for rehabilitation
- 1.12.12. Protective and rehabilitation means against moulds, fungi and biological pests
- 1.12.13. Self-levelling materials, topping materials and screeds
- 1.12.14. Plaster and mortar mixtures
- 1.12.15. Gypsum
- 1.12.16. Cement and mortar
- 1.12.17. Jointing materials
- 1.12.18. Concrete
- 1.12.19. Additives to concrete
- 1.12.20. Others

- 1.13. Connection and anchoring materials**
- 1.13.1. Bolts and studs
- 1.13.2. Screws
- 1.13.3. Nails
- 1.13.4. Nuts
- 1.13.5. Washers
- 1.13.6. Snap and retaining rings
- 1.13.7. Cotters, clips, pins, feather keys, pegs
- 1.13.8. Steel anchors
- 1.13.9. Threaded rods
- 1.13.10. Anchoring metal sheets
- 1.13.11. Slack adjusters, eyes, ties, wire line clamps, ropes, thimbles
- 1.13.12. Plasterboard programme
- 1.13.13. Foundation anchor bolts
- 1.13.14. Riveting
- 1.13.15. Chemical anchors
- 1.13.16. Steel anchors
- 1.13.17. Facade and frame expandable sockets
- 1.13.18. General dowel pins, wall plugs and dowels
- 1.13.19. Dowel pins for board materials
- 1.13.20. Anchoring of scaffolds
- 1.13.21. Disc shear plates
- 1.13.22. Tapes
- 1.13.23. Sockets
- 1.13.24. Chemical cartridges
- 1.13.25. Others

- 1.14. Protective clothing and equipment**
- 1.14.1. Work clothing
- 1.14.2. Work shoes
- 1.14.3. Protective equipment
- 1.14.4. Work gloves
- 1.14.5. Others

- 1.15. Construction equipment and other**
- 1.15.1. Building machinery
- 1.15.2. Tooling
- 1.15.3. Tools
- 1.15.4. Measuring instruments, gauges
- 1.15.5. Welding technology
- 1.15.6. Compressors
- 1.15.7. Power generation devices
- 1.15.8. Building scaffolds
- 1.15.9. Handling technology
- 1.15.10. Workshop equipment
- 1.15.11. Plumbing equipment

- 2. ELECTRICAL ENGINEERING AND SECURITY SOLUTIONS**

- 2.1. Electrical engineering solutions**
- 2.1.1. Electrical installation equipment**
- 2.1.1.1. Switches, sockets, forks
- 2.1.1.2. Electrical installation boxes, adapters, switchgear cabinets

- 2.1.1.3. Switchgear and protection equipment
- 2.1.1.4. Distribution frames, terminal blocks
- 2.1.1.5. Lightning conductor
- 2.1.1.6. Suppression devices
- 2.1.1.7. Cable trunking and fixing equipment
- 2.1.1.8. Controlling and signalling components and equipment
- 2.1.1.9. Intelligent electrical installations and EIB systems
- 2.1.1.10. Insulation materials

- 2.1.2. Lighting equipment and systems**
- 2.1.2.1. Bulbs, fluorescent tubes, discharge lamps
- 2.1.2.2. Lasers
- 2.1.2.3. Luminescent and laser diodes
- 2.1.2.4. Other light sources
- 2.1.2.5. Outdoor lighting
- 2.1.2.6. Indoor lighting - residences and venues
- 2.1.2.7. Workplace lighting
- 2.1.2.8. Emergency and safety lighting
- 2.1.2.9. Lighting towers, pillars, public lighting
- 2.1.2.10. Spotlights and special lighting effects
- 2.1.2.11. Special lighting equipment
- 2.1.2.12. Lighting systems accessories

- 2.1.3. Audio-visual equipment and systems**
- 2.1.3.1. Audio equipment
- 2.1.3.2. Video equipment
- 2.1.3.3. Presentation and multimedia equipment
- 2.1.3.4. Studio equipment

- 2.1.4. Electronic components and systems**
- 2.1.4.1. Semiconductors components and modules
- 2.1.4.2. Integrated circuits
- 2.1.4.3. Microprocessors
- 2.1.4.4. Coils, reactors, transformers
- 2.1.4.5. Capacitors, resistors
- 2.1.4.6. Optoelectronic components and systems
- 2.1.4.7. Relays and relay components
- 2.1.4.8. Printed circuits
- 2.1.4.9. Connectors
- 2.1.4.10. Switches and alternation switches
- 2.1.4.11. Electroacoustic transformers
- 2.1.4.12. Power suppliers
- 2.1.4.13. Motors and ventilators
- 2.1.4.14. Sensors and sensor systems

- 2.1.5. Telecommunication and radio communication technology**
- 2.1.5.1. Radio communication equipment
- 2.1.5.2. Transceivers and accessories
- 2.1.5.3. Antennas, feeders and accessories
- 2.1.5.4. Receivers and accessories
- 2.1.5.5. Speakers, HiFi systems
- 2.1.5.6. Radio stations and accessories
- 2.1.5.7. Satellite systems
- 2.1.5.8. Special radio communication systems
- 2.1.5.9. HW and SW for radio communications
- 2.1.5.10. GPS and navigation systems
- 2.1.5.11. Radio and television
- 2.1.5.12. Telephone exchanges
- 2.1.5.13. Telephones, faxes, answer machines
- 2.1.5.14. Microphones, speakers, headphones
- 2.1.5.15. Transport telematics

- 2.1.6. Computer technology**
- 2.1.6.1. Hardware
- 2.1.6.2. Software
- 2.1.6.3. Peripheries and components
- 2.1.6.4. Computer networks

- 2.1.7. Machines, equipment and instruments for electrical installation and maintenance**
- 2.1.7.1. Machines and equipment for electrical engineering
- 2.1.7.2. Equipment and tools for electrical engineers
- 2.1.7.3. Equipment for working in heights and under voltage
- 2.1.7.4. Equipment and materials for the manufacture of printed circuit boards
- 2.1.7.5. Special machines and equipment for electrical engineering
- 2.1.7.6. Chemicals for electrical engineering
- 2.1.7.7. Protective and safety gear

- 2.1.8. Services, professional organisation, training**
- 2.1.8.1. Information technology for professional use
- 2.1.8.2. Research, development, application
- 2.1.8.3. Design and consulting
- 2.1.8.4. Analyses, testing, calibration
- 2.1.8.5. Maintenance and installation services
- 2.1.8.6. Software for electrical and electronic engineering
- 2.1.8.7. Professional publications
- 2.1.8.8. Professional courses and training
- 2.1.8.9. Professional literature and magazines
- 2.1.8.10. Professional websites
- 2.1.8.11. Standards and regulations
- 2.1.8.12. Industrial design
- 2.1.8.13. Marketing and production
- 2.1.8.14. Advertising and promotion services
- 2.1.8.15. Financial services

- 2.1.8.16. Professional associations, unions, organisations

- 2.1.9. Electricity generation**
 - 2.1.9.1. Rotary generators and converters
 - 2.1.9.2. Mobile power plants
 - 2.1.9.3. Renewable energy resources
 - 2.1.9.4. Fuel cells
 - 2.1.9.5. Batteries and accumulators
 - 2.1.9.6. Cogeneration units
 - 2.1.9.7. Uninterruptible power supply sources

- 2.1.10. Electricity distribution**
 - 2.1.10.1. Equipment for electricity distribution
 - 2.1.10.2. Switching and protective instruments for medium-voltage and high-voltage systems
 - 2.1.10.3. Transformers
 - 2.1.10.4. Switchboards and switchboard technology
 - 2.1.10.5. Insulation materials, filling materials for electric technologies, electrotechnical insulators
 - 2.1.10.6. Compensation equipment for indoor applications, accessories and equipment
 - 2.1.10.7. Compensation equipment for outdoor applications, accessories and equipment
 - 2.1.10.8. Control systems for power plants, transformer stations and switching stations
 - 2.1.10.9. Control systems for distribution systems

- 2.1.11. Wires and cables**
 - 2.1.11.1. Power cables
 - 2.1.11.2. Data cables and wires
 - 2.1.11.3. Optical cables and wires
 - 2.1.11.4. Fire-resistant and halogen-free cables
 - 2.1.11.5. Wires and cables for special use
 - 2.1.11.6. Cable and wire terminals
 - 2.1.11.7. Cable tubes and conduits
 - 2.1.11.8. Cable racks, gratings, trays, ladders
 - 2.1.11.9. Cable installation technology

- 2.1.12. Home automation**
 - 2.1.12.1. Heating control and management
 - 2.1.12.2. Lighting control and management
 - 2.1.12.3. Control and management of air conditioning and ventilation
 - 2.1.12.4. Control and management of electrically powered devices (blinds, shades, gates...)
 - 2.1.12.5. TV, audio and video control and management
 - 2.1.12.6. Control and management of irrigation and pool technologies
 - 2.1.12.7. Computer networks

- 2.1.13. Smart cities**

- 2.2. Security**
 - 2.2.1. Security technologies and fire protection systems**
 - 2.2.1.1. Electronic security systems, IT technologies, emergency systems and warning systems
 - 2.2.1.2. Electric security devices and systems
 - 2.2.1.3. Fire alarm systems
 - 2.2.1.4. Audible warning systems, evacuation announcement devices
 - 2.2.1.5. Signal devices, alarms, sirens
 - 2.2.1.6. CCTV systems
 - 2.2.1.7. Communication devices
 - 2.2.1.8. Mechanical locking systems and security systems
 - 2.2.1.10. Security of vehicles
 - 2.2.1.11. Special security and protection devices
 - 2.2.1.12. Mobile phone networks
 - 2.2.1.13. Private security services
 - 2.2.1.14. Fixed extinguishing systems
 - 2.2.1.15. Insurance

 - 2.2.2. Rescue systems**
 - 2.2.2.1. Flood control systems
 - 2.2.2.2. Safety equipment
 - 2.2.2.3. Rescue tools and equipment
 - 2.2.2.4. Other

 - 2.2.3. IT and cyber security**
 - 2.2.3.1. Electronic data protection
 - 2.2.3.2. Certificates
 - 2.2.3.3. Monitoring
 - 2.2.3.4. Document management systems
 - 2.2.3.5. The Internet and intranet
 - 2.2.3.6. Endpoint security
 - 2.2.3.7. Network security
 - 2.2.3.8. Security audits
 - 2.2.3.9. Components
 - 2.2.3.10. ICT products and solutions
 - 2.2.3.11. Other

 - 2.2.4. Road rescue systems**
 - 2.2.4.1. Urban and road electronic systems
 - 2.2.4.2. Urban and road mechanical systems

- 3. HEATING**

 - 3.1. Boilers, fireplaces, fireplace inserts, stoves, burners**
 - 3.1.1. Solid fuel boilers
 - 3.1.2. Fireplaces, fireplace inserts and hearths

- 3.1.3. Fireplace and tile stoves
- 3.1.4. Gaseous fuel boilers, gas burners
- 3.1.5. Oil boilers, oil burners
- 3.1.6. Condensation boilers
- 3.1.7. Boilers with electrical heating

- 3.2. Other heat sources**
- 3.2.1. Local gas heating bodies
- 3.2.2. Gas radiators
- 3.2.3. Electrical accumulation stoves
- 3.2.4. Hot-air units
- 3.2.5. Accumulation heating systems
- 3.2.6. Solid fuel stoves
- 3.2.7. Electrical direct heating elements
- 3.2.8. Radiation panels
- 3.2.9. Infrared radiators, halogen and gas radiators
- 3.2.10. Heat exchangers for heating

- 3.3. Heating systems**
- 3.3.1. Hot-water floor heating systems
- 3.3.2. Electrical floor heating systems
- 3.3.3. Wall heating systems
- 3.3.4. Ceiling heating systems
- 3.3.5. Heat distribution systems
- 3.3.6. Radiators
- 3.3.7. Convectors

- 3.4. Technology for the heating of domestic hot water**
- 3.4.1. Preparation of hot and service water
- 3.4.2. Boilers and water storage systems
- 3.4.3. Through-flow heaters
- 3.4.4. Exchangers for the heating of domestic hot water

- 3.5. Measurement and regulation technology**
- 3.5.1. Regulators for heating
- 3.5.2. Regulators for the air handling system
- 3.5.3. Regulation elements
- 3.5.4. Heat consumption meters and meters for heating cost invoicing
- 3.5.5. Thermometers and pressure gauges
- 3.5.6. Gas flow rate meters - gas meters
- 3.5.7. Liquid level gauges
- 3.5.8. Analysers and detectors

- 3.6. Renewable and alternative energy resources**
- 3.6.1. Solar collectors and relating technologies
- 3.6.2. Accessories to solar equipment
- 3.6.3. Heat pumps
- 3.6.4. Accessories to heat pumps
- 3.6.5. Production of pellets and briquettes from wooden chips or agricultural plants
- 3.6.6. Equipment for production of biofuels
- 3.6.7. Boilers for combustion of biofuels
- 3.6.8. Fireplace stoves using biofuels
- 3.6.9. Boilers for combustion of wood-gas fuels
- 3.6.10. Cogeneration units
- 3.6.11. Solar panels

- 3.7. Chimney systems, flue gas exhaust systems**
- 3.7.1. Construction and lining of chimneys
- 3.7.2. Flue gas duct systems

- 3.8. Air handling, ventilation, air conditioning systems, central exhaust systems**
- 3.8.1. Electrical hot-air fans
- 3.8.2. Axial, radial fans
- 3.8.3. Equipment for air inlet and exhaust
- 3.8.4. Air humidifiers and driers
- 3.8.5. Air cleaners and washers
- 3.8.6. Heating and ventilation units installed under windows
- 3.8.7. Cooling equipment
- 3.8.8. Air conditioning equipment
- 3.8.9. Use of waste heat, recuperation
- 3.8.10. Other ventilation equipment
- 3.8.11. Air distribution systems
- 3.8.12. Central vacuum cleaners
- 3.8.13. Exhausters and suction hoods

- 3.9. Safety equipment for heating systems**
- 3.9.1. Expansion vessels
- 3.9.2. Replenishment and expansion systems

- 3.10. Services**
- 3.10.1. Servicing, assemblies and inspections of heating systems
- 3.10.2. Sales of fuel and energy
- 3.10.3. Ecological projects and expert activities

- 4. WOODEN BUILDINGS**

- 4.1. Wooden constructions**
- 4.1.1. Transport constructions
- 4.1.2. Hall constructions
- 4.1.3. Apartment buildings
- 4.1.4. Family houses
- 4.1.5. Social event buildings
- 4.1.6. Cottages

- 4.1.7. Garden rooms
- 4.1.8. Children's playgrounds
- 4.1.9. Renovations and repairs of historical constructions

- 4.2. Timber structures**
 - 4.2.1. Column structures
 - 4.2.2. Frame structures
 - 4.2.3. Skeleton structures
 - 4.2.4. Prefabricated structures
 - 4.2.5. Solid structures
 - 4.2.6. Log cabins and bungalows
 - 4.2.7. Half-timbered structures

- 4.3. Materials for wooden constructions and timber structures**
 - 4.3.1. Solid wood
 - 4.3.2. Structural wood
 - 4.3.3. Glued profiles
 - 4.3.4. Building timber
 - 4.3.5. I-beams
 - 4.3.6. Board materials
 - 4.3.7. Flooring and lining
 - 4.3.8. Insulation materials and foils
 - 4.3.9. Connection materials and fittings
 - 4.3.10. Painting materials, glazing and coatings
 - 4.3.11. Chemicals
 - 4.3.12. Protection and maintenance

- 4.4. Foundation and jaketing for wooden constructions**
 - 4.4.1. Foundation constructions and systems
 - 4.4.2. Facade systems and elements

- 4.5. Machines and equipment**
 - 4.5.1. Machines and equipment for production of semi-finished products
 - 4.5.2. Machines and equipment for machining
 - 4.5.3. Machines and equipment for surface treatment
 - 4.5.4. Machines and equipment for other processing of wood

- 4.6. Tools and instruments**

- 4.7. Software for wooden constructions and timber structures**

- 4.8. Professional associations, unions and societies**

5. SWIMMING POOLS, SAUNAS & SPA

- 5.1. Aquaparks, public swimming pools, spa and hotel swimming pools**
 - 5.1.1. Design solution of swimming pools**
 - 5.1.1.1. Swimming pool structures
 - 5.1.1.2. Ceilings and roofing systems
 - 5.1.1.3. Walls
 - 5.1.1.4. Floor areas
 - 5.1.1.5. Swimming pool equipment

 - 5.1.2. Swimming pool technologies**
 - 5.1.2.1. Air conditioning, ventilation, heating, dehumidification
 - 5.1.2.2. Fittings and accessories
 - 5.1.2.3. Measurement and regulation systems
 - 5.1.2.4. Pumps
 - 5.1.2.5. Swimming pool covers
 - 5.1.2.6. Fixtures and fittings and accessories
 - 5.1.2.7. Water treatment
 - 5.1.2.8. Protection from corrosion, cleaning of bottom and walls
 - 5.1.2.9. Illumination systems

 - 5.1.3. Equipment and accessories**
 - 5.1.3.1. Access control systems
 - 5.1.3.2. Furniture and equipment

- 5.2. Private swimming pools**
 - 5.2.1. Swimming pools for surface assembly
 - 5.2.2. Embedded outdoor swimming pools
 - 5.2.3. Technologies of private swimming pools
 - 5.2.4. Water treatment
 - 5.2.5. Roofing, water level covers
 - 5.2.6. Accessories

- 5.3. Natural swimming areas and bio-pools**
 - 5.3.1. Technology
 - 5.3.2. Water treatment
 - 5.3.3. Accessories

- 5.4. Wellness & spa**
 - 5.4.1. Massage pools, whirlpools, swim spa**
 - 5.4.1.1. For private zones
 - 5.4.1.2. For commercial zones
 - 5.4.1.3. Technologies and parts
 - 5.4.1.4. Water treatment

- 5.4.2. Saunas, infrared saunas, cryosaunas, cryo chambers**
 - 5.4.2.1. Technologies
 - 5.4.2.2. Heating, ventilation
 - 5.4.2.3. Disinfections, cleaning, protection from corrosion
 - 5.4.2.4. Measurement and regulation systems, equipment
 - 5.4.2.5. Fixtures and fittings, accessories
- 5.4.3. Solariums
- 5.4.4. Salt caves
- 5.4.5. Spa industry
- 5.4.6. Rehabilitation, regeneration and diagnostic instruments
- 5.4.7. Bath programmes for spa operations and healthcare facilities
- 5.4.8. Operation equipment for spa operations and healthcare facilities
- 5.4.9. Outdoor wellness, garden furniture
- 5.5. Places for sport and outdoor gym**
- 5.6. Construction and project firms**
- 5.7. Construction elements for wellness & spa**
- 5.8. SANITARY AND BATHROOM EQUIPMENT**
 - 5.8.1. Bath and shower tubs
 - 5.8.2. Shower enclosures, curtains
 - 5.8.3. WC bowls
 - 5.8.4. WC accessories
 - 5.8.5. Washbasins, sinks
 - 5.8.6. Chemical WC
 - 5.8.7. Bathroom furniture
 - 5.8.8. Bathroom accessories
 - 5.8.9. Paving, tiling, surfaces
 - 5.8.10. Jointing materials