867 Architectural, engineering and other technical services

8671 Architectural services

86711 Advisory and pre‑design architectural services

Assistance, advisory and recommendation services concerning architectural and related matters. Included here are services as undertaking preliminary studies addressing issues such as site philosophy, intent of development, climatic and environmental concerns, occupancy requirements, cost constraints, site selection analysis, design and construction scheduling and any other issues affecting the nature of the design and construction of a project. The provision of these services is not necessarily related to a new construction project. For example, it may consist of advice concerning the means of carrying out maintenance, renovation, restoration or recycling of buildings, or appraisals of the value and quality of buildings or of advice on any other architectural matter.

86712 Architectural design services

Architectural design services for buildings and other structures. Design services may consist of one or a combination of the following: schematic design services, which consist of determining, with the client, the essential character of the project, defining intent, space requirements, budget limitations and time scheduling; and of preparing sketches including floor plans, site plans and exterior views; design development services, which consist of a more precise illustration of the design concept in terms of siting plan, form, material to be used, structural, mechanical and electrical systems and probable construction costs; final design services, which consist of drawings and written specifications sufficiently detailed for tender submission and construction, and of expert advice to the client at the time of calling for and accepting tenders.

86713 Contract administration services

Advisory and technical assistance services to the client during the construction phase to ensure that the structure is being erected in conformity with the final drawings and specifications. This involves services provided both in offices and the field, such as construction inspection, preparation of progress reports, issuance of certificates for payments to the contractor, guidance to the client and the contractor in the interpretation of contract documents and any other advice on technical questions that may develop during construction.

86714 Combined architectural design and contract administration services

Combinations of architectural services utilized on most projects including schematic design, design development, final design and contract administration services. This may include post construction services which consist of the assessment of deficiencies in construction and instructions regarding corrective measures to be taken during the 12‑month period following the completion of the construction.

86719 Other architectural services

All other services requiring the expertise of architects, such as the preparation of promotional material and presentations, preparation of as‑built drawings, constant site representation during the construction phase, provision of operating manuals, etc.

8672 Engineering services

86721 Advisory and consultative engineering services

Assistance, advisory and recommendation services concerning engineering matters. Included here are the undertaking of preparatory technical feasibility studies and project impact studies. Examples are: study of the impact of topography and geology on the design, construction and cost of a road, pipeline or other transportation infrastructure; study of the quality or suitability of materials intended for use in a construction project and the impact on design, construction and cost of using different materials; study of the environmental impact of a project; study of the efficiency gains in production as a result of alternative process, technology or plant layout. The provision of these services is not necessarily related to a construction project. It may consist, for example, of the appraisal of the structural, mechanical and electrical installations of buildings, of expert testimony in litigation cases, of assistance to government bodies in drafting laws, etc.

86722 Engineering design services for the construction of foundations and building structures

Structural engineering design services for the load‑bearing framework of residential and commercial, industrial and institutional buildings. Design services consist of one or a combination of the following: preliminary plans, specifications and cost estimates to define the engineering design concept; final plans, specifications and cost estimates, including working drawings, specifications regarding materials to be used, method of installation, time limitations and other specifications necessary for tender submission and construction and expert advice to the client at the time of calling for and accepting tenders; services during the construction phase.

Exclusion: Engineering services for buildings if they are an integral part of the engineering design service for a civil work or production plant or facility.

86723 Engineering design services for mechanical and electrical installations for buildings

Mechanical and electrical engineering design services for the power system, lighting system, fire alarm system, communication system and other electrical installations for all types of buildings and/or the heating, ventilating, air conditioning, refrigeration and other mechanical installations for all types of buildings. Design services consist of one or a combination of the following: preliminary plans, specifications and cost estimates to define the engineering design concept; final plans, specifications and cost estimates, including working drawings, specifications regarding materials to be used, method of installation, time limitations and other specifications necessary for tender submission and construction and expert advice to the client at the time of calling for and accepting tenders; services during the construction phase.

86724 Engineering design services for the construction of civil engineering works

Engineering design services for the construction of civil engineering works, such as bridges and viaducts, dams, catchment basins, retaining walls, irrigation systems, flood control works, tunnels, highways and streets including interchanges and related works, locks, canals, wharves and harbours works, water supply and sanitation works such as water distribution systems, water, sewage, industrial and solid waste treatment plants and other civil engineering projects. Design services consist of one or a combination of the following: preliminary plans, specifications and cost estimates to define the engineering design concept; final plans, specifications and cost estimates, including working drawings, specifications regarding materials to be used, method of installation, time limitations and other specifications necessary for tender submission and construction and expert advice to the client at the time of calling for and accepting tenders; services during the construction phase. Included are engineering design services for buildings if they are an integral part of the engineering design for a civil engineering work.

86725 Engineering design services for industrial processes and production

Engineering design services for production processes, procedures and facilities. Included here are design services as they relate to methods of cutting, handling and transporting logs and logging site layout; mine development layout and underground construction, the complete civil, mechanical and electrical mine surface plant installations including hoists, compressors, pumping stations, crushers, conveyors and ore and waste‑handling systems; oil and gas recovery procedures, the construction, installation and/or maintenance of drilling equipment, pumping stations, treating and storage facilities and other oil field facilities; materials flows, equipment layout, material handling systems, processes and process control (which may integrate computer technology) for manufacturing plants; special machinery, equipment and instrumentation systems; any other design services for production procedures and facilities. Design services consist of one or a combination of the following: preliminary plans, specifications and cost estimates to define the engineering design concept; final plans, specifications and cost estimates, including working drawings, specifications regarding materials to be used, method of construction and/or installation, time limitations and other specifications necessary for tender submission and construction and expert advice to the client at the time of calling for and accepting tenders; services during the installation phase. Included are engineering design services for buildings if they are an integral part of the engineering design service for a production plant or facility.

86726 Engineering design services n.e.c.

Other specialty engineering design services. Included here are acoustical and vibration engineering designs, traffic control systems designs, prototype development and detailed designs for new products and any other specialty engineering design services.

Exclusion: The aesthetic design of products and the complete design of products which do not require complex engineering (e.g. furniture) are classified in subclass 87907 (Specialty design services).

86727 Other engineering services during the construction and installation phase

Advisory and technical assistance services to the client during construction to ensure that construction work is in conformity with the final design. This involves services provided both in offices and in the field, such as the review of shop drawings, periodic visits to the site to assess progress and quality of the work, guiding the client and the contractor in the interpretation of contract documents and any other advice on technical questions that may develop during construction.

86729 Other engineering services

Engineering services not elsewhere classified. Included here are geotechnical engineering services providing engineers and architects with necessary subsurface information to design various projects; groundwater engineering services including groundwater resources assessment, contamination studies and quality management; corrosion engineering services including inspection, detection and corrosion control programmes; failure investigations and other services requiring the expertise of engineers.

8673 Integrated engineering services

86731 Integrated engineering services for transportation infrastructure turnkey projects

Fully integrated engineering services for the construction of transportation infrastructure turnkey projects. Services included here are planning and pre‑investment studies, preliminary and final design, cost estimation, construction scheduling, inspection and acceptance of contract work as well as technical services, such as the selection and training of personnel and the provision of operation and maintenance manuals and any other engineering services provided to the client that form part of an integrated bundle of services for a turnkey project.

86732 Integrated engineering and project management services for water supply and sanitation works turnkey projects

Fully integrated engineering services for the construction of water supply and sanitation works turnkey projects. Services included here are planning and pre‑investment studies, preliminary and final design, cost estimation, construction scheduling, inspection and acceptance of contracts as well as technical services, such as the selection and training of personnel and the provision of operation and maintenance manuals and any other engineering services provided to the client that form part of an integrated bundle of services for a turnkey project.

86733 Integrated engineering services for the construction of manufacturing turnkey projects

Fully integrated engineering services for the construction of manufacturing facilities turnkey projects. Services included here are planning and pre‑investment studies to address issues such as the integration of operations, site selection, pollution and effluent control and capital requirements; all necessary structural, mechanical and electrical design services; production process engineering design services including detailed process flow diagrams, general site and plant arrangement drawings, plant and equipment specifications; tender specifications; construction scheduling inspection and acceptance of work as well as technical services, such as the selection and training of personnel, the provision of operations and maintenance manuals, start‑up assistance and any other engineering services that form part of an integrated bundle of services for a turnkey project.

86739 Integrated engineering services for other turnkey projects

Fully integrated engineering services for other construction works. Services included here are planning and pre‑investment studies, preliminary and final design, cost estimates, construction scheduling, inspection and acceptance of contracts as well as technical services, such as the selection and training of personnel and the provision of operation and maintenance manuals and any other engineering services provided to the client that form part of an integrated bundle of services for a turnkey project.

8674 Urban planning and landscape architectural services

86741 Urban planning services

Development services of programme regarding land use, site selection, control and utilization, road systems and servicing of land with a view to creating and maintaining systematic, coordinated urban development.

86742 Landscape architectural services

Plan and design services for the aesthetic landscaping of parks, commercial and residential land, etc. This implies preparing site plans, working drawings, specifications and cost estimates for land development, showing ground contours, vegetation to be planted, and facilities such as walks, fences and parking areas. Also included are inspection services of the work during construction.

SECTION 5CONSTRUCTION WORK AND CONSTRUCTIONS; LAND

DIVISION 51 CONSTRUCTION WORK

Pre‑erection work; new construction and repair, alteration, restoration and maintenance work on residential buildings, non‑residential buildings or civil engineering works. This work can be carried out either by general contractors who do the complete construction work for the owner of the project, or on own account; or by subcontracting parts of the construction work to contractors specializing, e.g., in installation work, where the value of work done by subcontractors becomes part of the main contractor's work. The products classified here are services which are essential in the production process of the different types of constructions, the final output of construction activities.

511 Pre‑erection work at construction sites

5111 51110 Site investigation work

Investigation work aiming at finding the most suitable site for a construction project, and demarcation work, i.e./demarcation of a locality where one or more major stages or processes of construction work are being carried on.

Exclusions: Test drilling services are classified in subclass 51130 (Site formation and clearance work). Architectural, engineering, surveying and mapmaking services are classified in group 867 (Architectural, engineering and other technical services).

5112 51120 Demolition work

Wrecking and demolition work of buildings, other structures and streets and highways, and sales of material derived from demolishing operations.

5113 51130 Site formation and clearance work

Preparation work aiming at making sites ready for subsequent construction work, including blasting, test drilling and rock removal work.

5114 51140 Excavating and earthmoving work

Excavating and digging work, earthmoving work, grading of construction sites and trench digging.

Exclusion: Foundation digging work is classified in subclass 51510 (Foundation work, incl. pile driving).

5115 51150 Site preparation work for mining

Tunnelling, overburden removal and other development and preparation work of mineral properties and sites, except for mining oil and gas.

Exclusion: Construction services incidental to oil and gas mining are classified in subclass 88300 (Services incidental to mining).

5116 51160 Scaffolding work

Scaffold erecting and dismantling work.

512 Construction work for buildings

5121 51210 For one‑ and two‑dwelling buildings

Construction work (incl. new work, additions, alterations and renovation work) of residential buildings containing one or two dwellings.

5122 51220 For multi‑dwelling buildings

Construction work (incl. new work, additions, alterations and renovation work) of residential buildings containing three or more dwellings.

5123 51230 For warehouses and industrial buildings

Construction work (incl. new work, additions, alterations and renovation work) of warehouses and industrial buildings such as manufacturing and light industrial buildings.

Exclusion: Construction work on certain specialized facilities for manufacturing is classified in subclass 51360.

5124 51240 For commercial buildings

Construction work (incl. new work, additions, alterations and renovation work) of commercial buildings such as office buildings, bank buildings, parking garages, petrol and service stations, shopping centres and air, rail or road transport terminals.

5125 51250 For public entertainment buildings

Construction work (incl. new work, additions, alterations and renovation work) of public entertainment buildings such as cinemas, theatres, concert halls, dance halls and nightclubs.

Exclusion: Construction work on sport and recreation facilities is classified in class 5137.

5126 51260 For hotel, restaurant and similar buildings

Construction work (incl. new work, additions, alterations and renovation work) of hotels, motels, inns, hostels, restaurants and similar buildings.

5127 51270 For educational buildings

Construction work (incl. new work, additions, alterations and renovation work) of educational buildings such as schools, colleges, universities, libraries, archives and museums.

5128 51280 For health buildings

Construction work (incl. new work, additions, alterations and renovation work) of health buildings such as hospitals and sanatoria.

5129 51290 For other buildings

Construction work (incl. new work, additions, alterations and renovation work) of non‑residential buildings not elsewhere classified, such as religious buildings and prison buildings.

513 Construction work for civil engineering

5131 51310 For highways (except elevated highways), streets, roads, railways and airfield runways

Construction work of highways (except elevated highways), streets, roads, other vehicular and pedestrian ways, guardrails, railways and airfield runways.

Exclusion: Construction work of elevated highways and of subways is classified in subclass 51320.

5132 51320 For bridges, elevated highways, tunnels and subways

Construction work of bridges, viaducts, elevated highways, highway, pedestrian and railway tunnels, and subways.

5133 51330 For waterways, harbours, dams and other waterworks

Construction work of waterways, harbours and riverworks, dams, irrigation and other waterworks.

Exclusions: Construction work on pipelines and on water and sewer mains are classified in subclasses 51340 (For long distance pipelines, communication and power lines (cables)) and 51350 (For local pipelines and cables; ancillary works), respectively.

5134 51340 For long distance pipelines, communication and power lines (cables)

Construction work of long distance overland or submarine pipelines and power and telecommunication transmission lines (cables).

Exclusion: Construction work of local gas pipelines, water mains or communication transmission lines (cables) are classified in subclass 51350 (Construction work for local pipelines and cables; ancillary works).

5135 51350 For local pipelines and cables; ancillary works

Construction work of local gas pipelines and water and sewer mains and local power and communication transmission lines (cables). Construction work of ancillary works such as transmission towers including antennasand transformer stations and substations for distribution within local boundaries.

Exclusion: Construction work of long distance pipelines and cables are classified in subclass 51340.

5136 51360 For constructions for mining and manufacturing

Construction work of constructions for mining and manufacturing not elsewhere classified, e.g. loading and discharging stations, winding‑shafts, power plants, chemical plants, iron foundries, blast furnaces and coke ovens.

Exclusion: Construction work for warehouses and industrial buildings is classified in subclass 51230.

5137 For constructions for sport and recreation

51371 For stadia and sports grounds

Construction work of stadia and other grounds for sports generally played in the open air such as football, baseball, rugby, track and field, car or bicycle races and horse‑races.

51372 For other sport and recreation installations (e.g. swimming pools, tennis courts, golf courses)

Construction work of other sport and recreation installations. The sport installations classified here are mostly for indoor sports and provide less space for spectators, e.g. basketball courts, ice hockey rinks, swimming pools, tennis courts, gymnastic halls and boxing rings. Construction work of recreation installations, e.g. golf courses, beach installations, mountain refuges, marinas for pleasure boats, park grounds and recreational park facilities.

5139 51390 For engineering works n.e.c.

Construction work for engineering works not elsewhere classified, such as mine site construction.

514 Assembly and erection of prefabricated constructions

5140 51400 Assembly and erection of prefabricated constructions

Installation on site of complete prefabricated buildings or other constructions, or the assembly and erection of prefabricated sections on sites into buildings or other constructions except erection work of prefabricated steel parts.

Exclusion: Erection work of prefabricated steel parts for buildings and other structures is classified in subclass 51550 (Steel bending and erection (incl. welding)).

515 Special trade construction work

5151 51510 Foundation work (incl. pile driving)

Special trade foundation work and pile driving and related work.

Exclusions: Excavating, digging and other earthmoving work is classified in subclass 51140.

Concrete work is classified in subclass 51540.

Masonry block foundation work is classified in subclass 51560 (Masonry work).

5152 51520 Water well drilling

Special trade construction work involving drilling or digging water wells; installation and repair work of water well pumps and well piping systems.

Exclusion: Installation and repair work of piping systems within buildings are classified in subclass 51620 (Water plumbing and drain laying work).

5153 51530 Roofing and water proofing

Special trade construction work involving the installation of roofing, guttering and spouting, roof shingling and metal roof work. Roof painting work. Included is other water proofing work for buildings.

5154 51540 Concrete work

Special trade construction work involving concreting, concrete pouring and other concrete work, including portland cement and asphalt, on construction projects.

Exclusions: Construction work involving the paving of streets, highways and public sidewalks is classified in subclass 51310 (Construction work for highways (except elevated highways), streets, roads, railways and airfield runways).

Block laying work is classified in subclass 51560 (Masonry work).

5155 51550 Steel bending and erection (incl. welding)

Special trade construction work involving steel bending, construction work on steel frameworks, erection work from purchased or self‑manufactured structural steel components for buildings or other structures such as bridges, overhead cranes or electricity transmission towers, and steel reinforcing work. Welding work is also included.

5156 51560 Masonry work

Special trade construction work involving bricklaying, block laying, stone setting and other masonry work.

Exclusions: Concrete work is classified in subclass 51540.

Interior fitting decoration work is classified in subclass 51770.

5159 51590 Other special trade construction work

Other special trade construction work not elsewhere classified, e.g./grave excavation, house moving.

516 Installation work

5161 51610 Heating, ventilation and air conditioning work

Special trade construction work involving electric or non‑electric heating, ventilation, refrigeration or air conditioning equipment. Duct work and other related sheet‑metal work performed as an integral part of such work is included.

Exclusion: Electric heating appliance installation work is classified in subclass 51649 (Other electrical construction work).

5162 51620 Water plumbing and drain laying work

Special trade construction work involving primary hot and cold water piping systems (i.e. plumbing), including sprinkler installation, draining (except sewerage or stormwater drains construction work) and septic tank installation. Plumbing work arising from the installation of appliances is included.

Exclusions: Sewerage or stormwater drains construction work is classified in subclass 51330 (General construction work for waterways, harbours, dams and other waterworks).

Installation work of space heating is classified in subclass 51610 (Heating, ventilation and air conditioning work).

5163 51630 Gas fitting construction work

Special trade construction work involving natural gas fitting and dry heating systems, except electric heating and duct work.

Exclusion: Space heating, ventilating and air conditioning work is classified in subclass 51610, whether or not for use with gas.

5164 Electrical work

51641 Electrical wiring and fitting work

Special trade construction work involving the installation of the basic electrical wiring network or of fittings in buildings or other construction projects.

Exclusion: Insulation work of electrical wiring from water piping is classified in subclass 51650 (Insulation work).

51642 Fire alarm construction work

Special trade construction work of fire alarm, fire fighting and fire escape equipment.

Exclusions: Sprinkler installation work is classified in subclass 51620 (Water plumbing and drain‑laying work).

Fireproofing work is classified in subclass 51650 (Insulation work (electricial wiring, water, heat, sound)).

51643 Burglar alarm system construction work

Special trade construction work of burglar alarm systems at the construction site.

51644 Residential antenna construction work

Special trade construction work of residential antennas and aerials. Installation work of lightning conductors is included.

51649 Other electrical construction work

Other special trade electrical construction work, not elsewhere classified, e.g. highway lighting and electrical signal construction work and sound equipment, electrical heating or telecommunications equipment installation work. Electrical work arising from the installation of appliances is included.

5165 51650 Insulation work (electrical wiring, water, heat, sound)

Special trade construction work insulating electrical wiring from water piping, and of water, heat or sound, including weather‑proofing insulating materials for exterior wall cavities and thermal insulation work to hot and chilled water pipes, boilers and duct runs. Fireproofing work is included.

Exclusion: Water proofing work to roofs is classified in subclass 51530 (Roofing and water proofing).

5166 51660 Fencing and railing construction work

Special trade construction work of fences, railings and similar enclosures. The fences may be of different materials (wire, wood, steel, fibre glass) and may be used at various sites (courts, playgrounds, residential properties or industrial premises).

5169 Other installation work

51691 Lift and escalator construction work

Special trade construction work of lifts and escalators and moving sidewalks. Also included is fire escape equipment construction work (e.g. of staircases).

51699 Other installation work n.e.c.

Other special trade construction work, not elsewhere classified, involving goods not regarded as part of the basic building structure (e.g. installation work of blinds and awnings).

517 Building completion and finishing work

5171 51710 Glazing work and window glass installation work

Special trade construction work of glass, glass cladding, mirrors and other glass products; close‑in work such as window glass installation work.

5172 51720 Plastering work

Special trade construction work of interior and exterior plaster or stucco and of lathing materials. Dry wall work involving the installation of wallboard generally of gypsum.

5173 51730 Painting work

Special trade painting and related construction work on building interiors and exteriors, and painting work of heavy (engineering) structures, including road surface and parking lot marking work.

Exclusion: Roof painting work is classified in subclass 51530 (Roofing and water proofing).

5174 51740 Floor and wall tiling work

Special trade construction work of laying or setting ceramic, concrete or cut stone wall or floor tiles.

5175 51750 Other floor laying, wall covering and wall papering work

Special trade construction work of carpeting, linoleum, asphalt tile, resilient flooring and parquet and other hardwood flooring.

Paperhanging work of wallpaper. Related finishing work is included.

Exclusions: Installation work of concrete floors (except tile) is classified in subclass 51540 (Concrete work).

Installation work of stone and ceramic floor tiles is classified in subclass 51740 (Floor and wall‑tiling work).

5176 51760 Wood and metal joinery and carpentry work

Special trade construction work involving carpentry work, the fixing of wooden formwork on construction projects and the building and installation of cabinets at the construction site.

5177 51770 Interior fitting decoration work

Special trade construction work of poured‑in‑place terrazzo works and interior marble, granite or slate work.

Exclusions: Exterior decoration work is classified in subclass 51560 (Masonry work).

Installation work of tiles is classified in subclass 51740 (Floor and wall‑tiling work).

5178 51780 Ornamentation fitting work

Special trade construction work of standard or custom fabricated sheet metal components, decorative iron or steel work, and ornamental or architectural metal work. Such work may also be for functional purposes, e.g./sheet metal heating or air‑conditioning duct work.

Exclusion: Installation work of sheet metal roofing is classified in subclass 51530 (Roofing and water proofing).

5179 51790 Other building completion and finishing work

Other special trade building completion and finishing work, e.g./acoustical work involving the application of acoustical panels, tiles and other materials to interior walls and ceilings, and steam or sand cleaning work of building exteriors.

518 Renting services related to equipment for construction or demolition of buildings or civil engineering works, with operator

5180 51800 Renting services related to equipment for construction or demolition of buildings or civil engineering works, with operator

Leasing or rental services concerning construction or demolition equipment with operator and operational services provided by the operator.

Exclusion: Leasing or rental services concerning construction machinery and equipment without operator is classified in subclass 83107.

DIVISION 52 CONSTRUCTIONS

Residential buildings, non‑residential buildings and civil engineering works completed or work‑in‑progress during the inquiry period.

Products classified here are non‑transportable goods or, in the SNA terminology, non‑financial, fixed tangible assets, and their production may constitute fixed capital formation.

521 Buildings

5211 Residential buildings

52111 One‑ and two‑dwelling buildings

Residential buildings with one or two dwellings.

52119 Other residential buildings

Residential buildings with three or more dwellings.

5212 Non‑residential buildings

52121 Warehouses and industrial buildings

Buildings used to house warehousing activities and the production and assembly activities of industrial establishments, e.g./factories, plants, workshops.

Exclusion: Non‑residential farm buildings are classified in subclass 52129 (Other buildings).

52122 Commercial buildings

Commercial buildings, including office buildings, bank buildings, buildings used primarily in wholesale and retail trades, e.g. shops, air, rail or road transport terminals, parking garages and petrol and service stations.

52123 Buildings for public entertainment

Buildings for public entertainment, e.g. theatres, concert halls, motion‑picture theatres, dancehalls and nightclubs.

Exclusions: Museums, art galleries, libraries and similar buildings are classified in subclass 52125 (Educational buildings).

Constructions for sport and recreation are classified in class 5227.

52124 Hotel, restaurant and similar buildings

Hotels, restaurants and other buildings used in providing short‑term lodging, food and beverages.

52125 Educational buildings

Buildings used directly in instructional activities, e.g. schools, universities, museums, art galleries, libraries.

52126 Health buildings

Buildings used to provide hospital and institutional care, e.g. hospitals, infirmaries, sanatoria, nursing homes.

52129 Other buildings

Buildings, not elsewhere classified, e.g./religious buildings, community buildings, non‑residential farm buildings.

Exclusion: Constructions for sport and recreation are classified in class 5227.

522 Civil engineering works

5221 Highways (except elevated highways), streets, roads, railways, airfield runways

52211 Highways (except elevated highways), streets, roads

Highways (except elevated highways), streets, roads and other vehicular and pedestrian ways. Guard‑rails and surfaced parking areas, driveways, vehicular or pedestrian underpasses and overpasses, and bicycle paths.

Exclusion: Elevated highways and highway tunnels are classified in subclass 52222 and 52223, respectively.

52212 Railways

Railway road‑beds for long‑line and commuter railways, street tramways, and underground or elevated urban rapid‑transit systems. Railway electrification structures are included.

Exclusion: Other subway constructions are classified in subclass 52224 (Subways).

52213 Airfield runways

Airfield runways, including taxi‑ways and related airport structures other than buildings.

5222 Bridges, elevated highways, tunnels and subways

52221 Bridges

Bridges and viaducts of metal, concrete or other materials, for all types of land transport and for pedestrians.

52222 Elevated highways

Elevated highways for motor vehicle traffic.

52223 Tunnels

Highway and railway tunnels (except for underground railways) and tunnel construction related works.

Exclusions: Vehicular and pedestrian underpasses are classified in subclass 52211 (Highways (except elevated highways), streets, roads, railways, airfield runways).

Underground railway tunnels are classified in subclass 52224 (Subways).

Tunnels associated with mining operations are classified in subclass 52261 (Mining constructions).

52224 Subways

Tunnel constructions and other underground constructions related to underground railway traffic.

5223 Waterways, harbours, dams and other waterworks

52231 Aqueducts and other water supply conduits, except pipelines

Aqueducts, water conduits and similar waterways designed to convey water for the purpose of water supply, except pipelines.

Exclusions: Waterworks for irrigation or flood control are classified in subclass 52234.

Long distance pipelines and local pipelines are classified in subclass 52241 and 52250, respectively.

52232 Harbours, rivers, canals, and related facilities

Harbour bottoms and harbour channels, breakwaters, piers, wharfs and similar structures, and riverworks and canal constructions for water transport traffic.

52233 Dams

Dams and similar water‑retaining structures and embankments for coastal and other waterside areas.

52234 Irrigation and flood control waterworks

Irrigation and flood control waterworks.

Exclusion: Waterways for the purpose of water supply are classified in subclass 52231 (Aqueducts and other water supply conduits, except pipelines).

5224 Long distance pipelines, communication and power lines (cables)

52241 Long distance pipelines

Long distance overland or submarine pipelines for the conveyance of petroleum products, gas, water or other products.

Exclusion: Urban gas or water distribution systems through mains are classified in subclass 52250 (Local pipelines and cables; ancillary works).

52242 Communication lines (television, radio, telegraph, telephone and other transmission lines)

Long distance overland or submarine telecommunication transmission lines, i.e. television, radio, telegraph, telephone and other transmission lines.

52243 Power lines (cables)

Long distance high‑tension electric power transmission lines (cables).

Exclusion: Low‑tension electric power distribution lines are classified in subclass 52250 (Local pipelines and cables; ancillary works).

5225 52250 Local pipelines and cables; ancillary works

Local gas pipelines and water and sewer mains and local power and communication transmission lines (cables).

Ancillary works such as transmission towers including antennas and transformer stations and substations for distribution within local boundaries. Local public utility systems, not elsewhere classified.

5226 Constructions for mining and manufacture

52261 Mining constructions

Mining and related facilities, such as mine loading and discharging stations, winding‑shafts and towers, tunnels and drifts associated with mining operations.

52262 Power plant constructions

Heavy electrical generating plants and equipment including plants and equipment for nuclear‑powered generating stations.

52263 Chemical and related facilities

Chemical and related plant facilities, e.g. blast furnaces and coke ovens, for manufacture of basic chemicals, compounds, pharmaceuticals and other chemicals.

Exclusion: Industrial buildings that are not specialized to the manufacture of particular products are classified in subclass 52121 (Warehouses and industrial buildings).

52269 Other constructions for manufacture

Specialized facilities for manufacture, not elsewhere classified, e.g. iron foundries.

Exclusion: Industrial buildings that are not specialized to the manufacture of particular products are classified in subclass 52121 (Warehouses and industrial buildings).

5227 Constructions for sport and recreation

52271 Stadia, sports grounds

Stadia and other grounds for sports generally played in the open air such as football, baseball, rugby, track and field, car or bicycle races and horse‑races. Stadia generally provide substantial seating and/or standing accommodation for spectators.

52279 Other sport and recreation installations (e.g. swimming pools, tennis courts, golf courses)

Other sport and recreation installations. The sport installations classified here are mostly for indoor sports and provide limited seating or other accommodation for spectators, e.g. basketball courts, ice hockey rinks, swimming pools, tennis courts, gymnastic halls, boxing rings, skating rinks.

Recreation installations, e.g. golf courses, beach installations, mountain refuges, marinas for pleasure boats, park grounds and recreational park facilities.

5229 52290 Other civil engineering works

Other civil engineering works, not elsewhere classified.

DIVISION 82 REAL ESTATE SERVICES

821 8210 Real estate services involving own or leased property

82101 Renting or leasing services involving own or leased residential property

Renting or leasing services of residential properties by owners or leaseholders to others. Examples include houses, flats, apartment buildings, multiple use buildings which are primarily residential and residential mobile home sites.

Exclusions: Lodging services provided by operating hotels, motels, rooming houses, school dormitories, camping sites and other lodging places are classified in group 641 (Hotel and other lodging services).

82102 Renting or leasing services involving own or leasednon‑residential property

Renting or leasing services of industrial, commercial or other non‑residential buildings or property by owners or leaseholders to others. Examples include factories, office buildings, warehouses, theatres and multiple use buildings which are primarily non‑residential, as well as agricultural, forest and similar properties, and land for mineral or oil exploitation.

82103 Residential buildings and land sales

Sales on own account of residential buildings and land in cases where the sales are treated as sales of trading stock by the seller, but not sales of property where the sales are disposals of the fixed assets of the selling unit. Examples of residential properties include houses with land, multiple dwelling buildings with land and individual dwelling units within such buildings, such as individual apartments or condominiums. Such property can be either leasehold or freehold. Also included are own account sales of residential buildings that have been constructed on contract by a construction unit for the selling unit and which are treated as trading stock by the seller.

Exclusion: Sales of property that has been physically constructed by the selling unit are classified in group 512 (Construction work for buildings).

82104 Residential vacant land sales

Sales on own account of residential vacant land in cases where the sales are treated as sales of trading stock by the seller. The vacant land can include subdivided vacant land, and the sales can include sales of vacant land physically subdivided by the selling unit.

82105 Non‑residential buildings and land sales

Sales on own account of non‑residential buildings and land in cases where the sales are treated as sales of trading stock by the seller, but not sales of property where the sales are disposals of the fixed assets of the selling unit. Examples of non‑residential properties include factories, office buildings, warehouses, theatres and multiple use buildings which are primarily non‑residential as well as agricultural, forest and similar properties, and land for mineral or oil exploitation. Such property can be either leasehold or freehold. Also included are own account sales of non‑residential buildings that have been constructed on contract by a construction unit for the selling unit and which are treated as trading stock by the seller.

Exclusion: Sales of property that has been physically constructed by the selling unit are classified in group 512 (Construction work for buildings).

82106 Non‑residential vacant land sales

Sales on own account of non‑residential vacant land in cases where the sales are treated as sales of trading stock by the seller. The vacant land can include subdivided vacant land and the sales can include sales of vacant land physically subdivided by the selling unit.

822 8220 Real estate services on a fee or contract basis

82201 Residential property management services on a fee or contract basis

Management (incl. renting, leasing or appraising) services of houses and other residential properties, on a fee or contract basis. Management services for multi‑unit apartment buildings (or multiple use buildings which are primarily residential) and residential mobile home sites are included.

82202 Non‑residential property management services on a fee or contract basis

Management (incl. renting, leasing or appraising) services of industrial and commercial properties, theatres, multiple use buildings which are primarily non‑residential, etc., on a fee or contract basis. Management services concerning agricultural, forest and similar properties on a fee or contract basis are included.

82203 Residential buildings and land sales on a fee or contract basis

Sales of houses, flats, apartment buildings and other residential properties, on a fee or contract basis.

82204 Residential vacant land sales on a fee or contract basis

Sales of residential vacant land, on a fee or contract basis.

82205 Non‑residential buildings and land sales on a fee or contract basis

Sales of non‑residential buildings and land, such as offices, factories, shops, etc., on a fee or contract basis.

82206 Non‑residential vacant land sales on a fee or contract basis

Sales of non‑residential vacant land, on a fee or contract basis.