

**THE PROVISIONAL
CENTRAL PRODUCT CLASSIFICATION**

CLASS 8672 ENGINEERING SERVICES

867 Architectural, engineering and other technical services

8672 Engineering services

86721 Advisory and consultative engineering services.

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

86723 Engineering design services for mechanical and electrical installations for buildings

86724 Engineering design services for the construction of civil engineering works

86725 Engineering design services for industrial processes and production.

86726 Engineering design services n.e.c.

86727 Other engineering services during the construction and installation phase

86729 Other 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.

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