

SECOND REVIEW OF APEC REFERENCE LIST OF ENVIRONMENTAL AND ENVIRONMENTALLY RELATED SERVICES

Group 1: Services that are environmentally related of themselves, being directly related to environmental conditions.

CPC	Sector	Description	Justification
CPC 3.0 - 94440	Treatment of air pollution *consultancy only	This subclass includes: - services involving the installation, maintenance and operation of end-of-pipe equipment for the removal of air emissions and pollutants other than carbon dioxide from the combustion of fuels or from other processes	94440 and 94450 are the only services under 944 that are not currently in the APEC list
CPC 3.0 - 94450	Carbon capture and storage services *Consultancy only	This subclass includes services involving the installation, maintenance and operation of infrastructure and end-of-pipe equipment to capture carbon dioxide from industrial processes and the storage of captured carbon dioxide	94440 and 94450 are the only services under 944 that are not currently in the APEC list

Group 2: Services that may be environmentally related when used for the design, construction and operation of certain facilities or equipment intended to improve environmental conditions, or for purposes that are determined to be environmentally beneficial by competent regulators (for example, with respect to projects related to renewable energy, pollution abatement, wastewater management etc.)

CPC	Sector	Description	Justification
CPC 2.1/3.0 - 73113	Leasing or rental services concerning	This subclass includes:	Leasing or rental services of railroad vehicles without operator can support the sharing economy and maximisation

	railroad vehicles without operator	- rental and non-financial leasing of commercial rail transportation equipment, without operator, such as: * locomotives and other rolling stock, subway cars, light rail equipment and streetcars Note: The leases in this product are those which are not structured to provide financing to the lessee. The rental and leasing service may include maintenance and repair services and insurance, damage waivers and warranties. This subclass does not include: - providing rail transportation services (equipment and operator), cf. corresponding subclass in divisions 64 and 65 - financial leasing of railroad vehicles, cf. 71152 - maintenance and repair services of railroad transport equipment sold separately, cf. 87149	of resource efficiency, thereby contributing to a lower emissions footprint for users.
CPC 2.1/3.0 73270	Leasing or rental services concerning do-it-yourself machinery and equipment	This subclass includes: - rental, leasing or hiring services concerning machinery and equipment for home and garden use, including lawnmowers - rental, leasing or hiring services concerning machinery and equipment used by amateurs or as a hobby, e.g., tools for home repairs	Leasing and rental services concerning do-it-yourself machinery and equipment can support the sharing economy and maximisation of resource efficiency, thereby helps to reduce waste, contributing to a lower emissions footprint. Such services directly serve to

			prevent and reduce pollution and to preserve mineral and energy resources.
CPC 2.1/3.0 54112 ex	General construction services of multi-dwelling residential buildings *Consultancy only	CPC 2.1 This subclass includes: - construction, repair, alteration and restoration services for: • multi-dwelling buildings • residential buildings for communities, including residences for the elderly, students, children and other social groups: • retirement homes, workers' hostels, fraternity homes, orphanages, homeless shelters, etc.	Construction of energy-efficient buildings and buildings with lower whole-of-life carbon footprint, and renovation work utilising more efficient construction products save resources. Such services are directly related to goods, and to technical processes, installations, methods, and knowledge to prevent and reduce pollution and preserve natural resources.
CPC 2.1/3.0 54122 ex	General construction services of commercial buildings *Consultancy only	CPC 2.1 This subclass includes: - construction, repair, alteration and restoration services for commercial or administrative buildings such as: • buildings used primarily in the wholesale and retail trades • shopping centres, shopping malls, department stores, detached shops and boutiques, indoor markets etc. • warehouses • exhibition halls • office buildings and bank buildings • air, rail or road transport terminals, parking garages and petrol and service stations	Construction of energy-efficient buildings and buildings with lower whole-of-life carbon footprint, and renovation work utilising more efficient construction products save resources. Such services are directly related to goods, and to technical processes, installations, methods, and knowledge to prevent and reduce pollution and preserve natural resources. In most commercial and residential construction projects, HVAC is coordinated with other trades like

		- Includes HVAC (Heating, Ventilation, and Air Conditioning), a core part of construction services, especially for any project involving climate control, indoor air quality, or mechanical systems.	electrical and plumbing and is typically done by specialized mechanical contractors.
CPC 2.1/3.0 54129 ex	General construction services of other non-residential buildings	CPC 2.1 This subclass includes: - construction, repair, alteration and restoration services for: • public entertainment buildings such as cinemas, theatres, concert halls, dance halls and nightclubs • hotels, motels, inns, hostels and similar buildings • restaurants • educational buildings such as schools, colleges, universities, libraries, archives and museums • health-related buildings such as hospitals, clinics and sanatoria, including veterinary clinics • indoor sports or recreation installations (ice rinks, gymnasias, indoor tennis courts, general purpose sports halls, boat sheds, boxing rings, etc.) • convention and congress centres • religious buildings • prison buildings • law courts, parliament buildings • non-residential farm buildings	Construction of energy-efficient buildings and buildings with lower whole-of-life carbon footprint, and renovation work utilising more efficient construction products save resources. Such services are directly related to goods, and to technical processes, installations, methods, and knowledge to prevent and reduce pollution and preserve natural resources.

		- communications buildings (radio and television broadcast buildings, telephone exchange buildings, telecommunications centres etc.) - other non-residential buildings n.e.c.	
CPC 2.0 54611 CPC Prov. 51641	Electrical wiring and fitting - Limited to the installation of electrical wiring or fittings for renewable energy. *consultancy only	Limited to the installation of electrical wiring or fittings for renewable energy. This subclass includes: - special trade installation services involving the installation of basic electrical wiring circuits or fittings in buildings and other construction projects - electrical wiring and fitting services for emergency power supply systems - electrical services arising from the installation of appliances - installation services of meters	Electrical wiring and fitting work is instrumental for the installation of renewable energy production in buildings and is a pre-requisite for electrification of energy consumption. This includes electrical work related to heat pumps, battery chargers and other renewable energy source. Such services are enablers for goods and are directly related to technical processes, installations, methods and knowledge to prevent and reduce pollution and preserve natural resources.
CPC 2.1/3.0 54619 ex	Other electrical installation services* *Limited to the installation of electrical wiring or fittings for renewable energy.	This subclass includes: - electrical installation services of telecommunications equipment - electrical installation services of illumination and signalling systems for roads, railways, airports, harbours and similar premises - installation services of heavy electrical equipment	Electrical wiring and fitting work is instrumental for the installation of renewable energy production in buildings and is a pre-requisite for electrification of energy consumption. This includes electrical work related to heat pumps, battery chargers and other renewable energy source. Such services are enablers for goods and are directly

		- installation services of telecommunications wiring, including of fibre optic cables - other electrical installation services n.e.c.	related to technical processes, installations, methods and knowledge to prevent and reduce pollution and preserve natural resources.
CPC 2.1/3.0 83310 CPC Prov. 86721	Engineering advisory services	This subclass includes: - provision of advice to clients concerning engineering principles and methods, when performed independently of an engineering project, including policy analysis, regulatory studies and audits - provision of testimony by a witness who, by virtue of experience, training, skill or knowledge of engineering, is recognized as being qualified to render an informed opinion on such matters - engineering investigation of a failed engineered system or structure to determine causal factors	Assistance and advice on engineering matters, including preparatory technical feasibility studies and project impact studies such as the environmental impact suitability of projects and materials can contribute to reduce emissions, manage waste, protect sites, adapt to climate change risks and create passive buildings. Such services are directly related to goods, and to technical processes, installations, methods and knowledge to prevent and reduce pollution and preserve natural resources.
CPC Prov. 86726 CPC 2.1 83329	Engineering design services n.e.c	This subclass includes the application of physical laws and principles of engineering in the design, development and utilization of machines, materials, instruments, structures, processes and systems for projects not elsewhere classified. This subclass includes: - engineering services related to:	Other engineering services, such as acoustical and vibration engineering design, traffic control systems design and other specialty engineering design services can contribute to emissions reduction and to increasing reparability and re-use. They can directly serve environmental protection and natural

		• outdoor sport and recreation facilities • natural gas and steam distribution projects • other utility projects n.e.c. - engineering services related to systems, processes, facilities or products not elsewhere classified including the provision of designs, plans and studies related to them It may also include the following: • Sustainable design and planning (orientation, ventilation, daylighting)	resource management purposes or be directly related to technical processes, methods, and knowledge to prevent and reduce pollution and preserve natural resources. This enhances capacity to deliver environmentally sustainable infrastructure through advanced engineering solutions and improves compliance with environmental impact assessment (EIA) requirements of the APEC member economies.
CPC 2.1 83329 CPC Prov. 86727	CPC 2.1 - Engineering services for other projects CPC Prov Other engineering services during the construction and installation phase	This subclass includes the application of physical laws and principles of engineering in the design, development and utilization of machines, materials, instruments, structures, processes and systems for projects not elsewhere classified. This subclass includes: - engineering services related to: • outdoor sport and recreation facilities • natural gas and steam distribution projects • other utility projects n.e.c.	Advisory and technical assistance services during construction and installation to ensure that construction work is in conformity with the final design, including environmental requirements, can contribute to reducing emissions and increase repairability and re-use of materials to prevent and reduce pollution and preserve natural resources. Such services can also be directly related to technical processes, methods, and knowledge to prevent and

		- engineering services related to systems, processes, facilities or products not elsewhere classified including the provision of designs, plans and studies related to them	reduce pollution and preserve natural resources.
CPC Prov. 86723 - Engineering design services for mechanical and electrical installations for buildings CPC 2.1 - 83321 Engineering services for building projects	Engineering design services for mechanical and electrical installations for buildings	This subclass includes the application of physical laws and principles of engineering in the design, development and utilization of machines, materials, instruments, structures, processes and systems for building projects. This subclass includes: - provision of designs, plans, and studies related to residential building projects, such as: • new and existing homes • row housing, apartments, etc. • mixed-use buildings that are predominantly used for residential housing - provision of designs, plans, and studies related to new and existing commercial, public and institutional building projects, including mixed-use buildings that are predominantly used for commercial, public, or institutional purposes, such as: • office buildings • shopping centres • hotels and restaurants	Mechanical and electrical engineering design services can contribute to energy savings in heating, ventilation, air conditioning, refrigeration and in other mechanical installations. Such services are directly related to goods, and to technical processes, installations, methods, and knowledge to prevent and reduce pollution and preserve natural resources.

		• service stations and warehouses • bus and truck terminals • hospitals, schools, churches • prisons, stadiums and arenas • libraries and museums This subclass also includes: - engineering advisory services that are related to specific residential, commercial, public or institutional building projects	
CPC Prov 9223, 923	Secondary (technical and vocational) and higher education in private institutions	Limited to services directly related to environmental studies	Certain education services are key to improving knowledge about environmental topics and means to address environmental concerns, for example programmes that address pollution prevention and control and management of natural resources. Such services are directly related to methods and knowledge to prevent and reduce pollution and preserve natural resources.
CPC/2.1/3 - 9232, 9234, 9242, 925	- <i>Limited to services directly related to environmental studies</i>		

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