

**BENCHMARK OCCUPATIONS COVERED BY 2008 OWS
IN ALL NON-AGRICULTURAL INDUSTRIES**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
4121	Accounting and Bookkeeping Clerks	Help with accounting and bookkeeping records and computations, wages and production costs computations as well as cash payments.
9400*	Unskilled Workers except Janitors, Messengers and Freight Handlers	Perform a variety of low-skilled and routine manual tasks, requiring a minimum of training, little or no previous experience and mainly physical effort.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN METALLIC ORE MINING (C10)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct sector or unit concerned with extraction of metals from their ores or minerals from the earth; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2114	Geologists	Conduct research, improve or develop concepts, theories and operational methods, or apply scientific knowledge relating to geology in such fields as oil, gas and mineral exploitation, water conservation, civil engineering, telecommunications and navigation.
2159	Mining Engineers and Metallurgists	Conduct research, design and develop and maintain commercial-scale methods of extracting metals from their ores, or minerals from the earth and study and advise on technological aspects of particular materials, products or processes.
3117	Mining and Metallurgical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of mining and metallurgical engineers, contributory to the improvement/development of methods of extracting from the earth, distribution, or processing of minerals and control of processes of extraction of metals from their ores.
7111	Miners	Extract ores and other solid minerals from underground or surface mines.
7112	Shotfirers and Blasters	Determine location and site of explosions required, charge and detonate explosives to fragments or dislodge ores or other solid minerals in mines.
8111	Mining Plant Operators	Operate and monitor machinery and equipment which cut channels in mines or drill holes for blasting or operate continuous-mining machines.
8112	Mineral Ore Processing Plant Operators	Operate and monitor machinery and equipment for processing mineral ore.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN NON-METALLIC MINING AND QUARRYING (C11)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct sector or unit concerned with extraction of minerals such as coal, liquids such as petroleum, gases such as natural gas and operation of quarries; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2114	Geologists	Conduct research, improve or develop concepts, theories and operational methods, or apply scientific knowledge relating to geology in such fields as oil, gas and mineral exploitation, water conservation, civil engineering, telecommunications and navigation.
2159	Mining Engineers	Conduct research, design and develop and maintain commercial-scale methods of extracting minerals, liquids and gases from the earth and study and advice on technological aspects of particular materials, products or processes.
3117	Mining Engineering Technicians	Perform technical tasks, normally under the supervision of mining engineers, contributory to the improvement/ development of methods of extracting from the earth, distribution or processing of minerals, liquids and gases.
7111	Miners and Quarry Workers	Extract solid minerals from underground or surface mines or quarries.
8111	Mining Plant Operators	Operate and monitor machinery and equipment which cut channels in mine or quarry workplaces or drill holes for blasting or operate continuous-mining machines.
8112	Stone Processing Plant Operators	Operate machinery and equipment which crushes and breaks blocks of granite, marble and other stone.
8113	Well Drillers and Borers and Related Workers	Operate drilling machinery and equipment and perform related tasks in the sinking and operation of wells.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF FOOD PRODUCTS AND BEVERAGES (D15)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2155	Food Technologists	Conduct research and develop commercial-scale chemical processes in the production of food and drink products.
3116	Chemical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of chemical engineers, contributory to the development of new or improved processes for the chemical or physical transformation of substances on a commercial scale.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
741	Food Processing and Related Trades Workers	Slaughter animals, kill fish, treat and prepare them and related food items for human and animal consumption; make various kinds of bread, cakes and other flour products; process and preserve fruits, vegetables and related foods, taste and grade various food products and beverages.
826	Food and Related Products Machine Operators	Operate and monitor machines which process foodstuffs and manufacture food and related products for human and animal consumption.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF TEXTILES (D17)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
7431	Fiber Preparers	Prepare wool, cotton, flax, jute, hemp and other natural textile fibers for spinning and winding.
7432	Weavers, Knitters and Related Workers	Spin and wind yarn by hand, weave materials on hand looms, make carpets by using a knotting technique, knit garment fabrics by hand or hand-operated machines or perform similar manufacturing tasks by hand or hand-operated machines.
8251	Fiber Preparing, Spinning and Winding Machine Operators	Operate and monitor machines which prepare fibers, and spin, double, twist and wind yarn and thread.
8252	Weaving and Knitting Machine Operators	Operate and monitor weaving and knitting machines and related equipment used to produce materials and fabrics.
8254	Bleaching, Dyeing and Cleaning Machine Operators	Operate and monitor machines which bleach, dye, wash and otherwise treat fibers, yarn or dry-clean textiles.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF WEARING APPAREL (D18)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
7433	Tailors, Dressmakers and Hatters	Make suits, dresses and other garments from textile fabrics, leather or any other material, carry out alterations and repairs or make hats, or participate in the manufacture of ready-to-wear garments.
7434	Textile, Leather and Related Pattern Makers and Cutters	Make patterns and mark and cut textile, leather and other materials in the manufacture of garments, gloves and miscellaneous products.
7435	Sewers, Embroiderers and Related Workers	By hand or by using simple sewing machines, perform various sewing tasks in making, altering and repairing garments, gloves and other products of textile and other material; embroider decorative designs on garments or other materials.
8253	Sewing Machine Operators	Operate and monitor standard or specialized single or multiple-needle sewing machines to make or repair garments, gloves and miscellaneous products in textiles or leather, or embroider ornamental designs on garments or other materials.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN TANNING AND DRESSING OF LEATHER;
MANUFACTURE OF LUGGAGE, HANDBAGS AND FOOTWEAR (D19)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
7441	Tanners	Make leather from hidlers and skins.
7442	Shoemakers and Related Workers	Make and repair standard or special footwear, and except for leather garments, hats and gloves, make natural or synthetic leather articles such as luggage, handbags, and belts, or participate in the manufacture of shoes and related goods.
8255	Leather Preparing Machine Operators	Operate and monitor various machines which prepare leather.
8256	Shoemaking and Related Machine Operators	Operate and monitor machines which produce and repair standard or special footwear, handbags and other accessories mainly made of leather.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF WOOD AND WOOD PRODUCTS
EXCEPT FURNITURE (D201)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
7421	Wood Treaters	Season and preserve wood particularly through operation of steam - heated kilns or chemical treatment to protect wood against decay or parasites.
7423	Woodworking-Machine Setters and Setter-Operators	Set and operate woodworking machines, such as precision sawing, shaping, planing, boring, turning and woodcarving machines
8141	Wood Processing Plant Operators	Operate and monitor machinery and equipment for sawing wood, cutting veneer and making plywood and otherwise prepare wood for further use.
8240	Wood Products Machine Operators	Operate and monitor automatic or semi-automatic woodworking machines which perform repetitive work and are always set up by woodworking-machine setters.
8275	Wood and Related Products Assemblers	Assemble the components or parts made from wood or related materials of various types of products.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF PAPER AND PAPER PRODUCTS (D21)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2154	Mechanical Engineers	Conduct research and advice on, design and direct production of machines, machinery industrial plant, equipment and systems and advice on and direct their functioning, maintenance and repairs.
3115	Mechanical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of mechanical engineers, contributory in the design, development, manufacture, construction, installation, maintenance and repair of mechanically functioning plant and equipment.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
8142	Paper Pulp Plant Operators	Operate and monitor machinery and equipment which converts materials such as wood, rags, esparto, straw, scrap-pulp and paper into stock for use in papermaking.
8143	Papermaking Plant Operators	Operate and monitor machinery and equipment which makes paper, paper board sheet pulp from pulp stock.
8276	Paperboard and Related Products Assemblers	Assemble the components or parts made from paperboard and related materials, of various types of products, according to strictly laid down procedures.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN PUBLISHING AND PRINTING (D221/D222/D223)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2154	Mechanical Engineers	Conduct research and advice on, design and direct production of machines, machinery industrial plant, equipment and systems and advice on and direct their functioning, maintenance and repairs.
2451	Journalists and Other Writers	Write and edit news, stories and commentaries.
4143	Proofreaders and Copymarkers	Read transcript or proof type set-up to detect and mark for correction any grammatical, typographical or compositional errors.
7341	Compositors, Typesetters and Related Workers	Set and arrange printing type by hand, machine or computer.
7342	Stereotypers and Electrotypers	Make printing plates and printing forms from set-up type by stereotyping and electroplating process.
7343	Printing Engravers and Etchers	Engrave lithographic stones and printing plates, rollers, dies and blocks by various processes.
7345	Bookbinders and Related Workers	Operate and monitor machines which bind and emboss books by hand or machine.
7347	Pressman Letterpress and Related Workers	Prepare, operate and monitor offset press and various types of machines to print single and multi-color copies from lithographic plates and print on paper, tin plate and other materials.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF COKE, REFINED PETROLEUM
AND OTHER FUEL PRODUCTS (D23)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2155	Chemical Engineers	Conduct research and develop, design and advice on unit processes and unit operations and direct commercial - scale chemical processes and operations and direct maintenance and repair of industrial plant, or study and advice on technological aspects of particular materials, products or processes.
3116	Chemical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of chemical engineers, contributory to the development of industrial chemical processes and design, construction, operation, maintenance and repair of industrial plant.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
7234	Industrial Machinery Mechanics and Fitters	Fit, install, examine, service and repair engines (except motor vehicle and aircraft engines), industrial machinery and mechanical equipment.
8151	Crushing, Grinding and Chemical-Mixing Machinery Operators	Operate and monitor machinery which crushes, grinds, mixes and blends chemicals and other materials used in chemical and related processes.
8153	Chemical-Filtering and Separating Equipment Operators	Operate and monitor machines and equipment which filter and separate chemicals and related materials.
8155	Petroleum Refining Plant Operators	Operate and monitor plant which refines, distills and treats petroleum, petroleum-based products and by-products.
8159	Coke Production Plant Operators	Operate and monitor machinery and equipment which produce coke from coal.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF CHEMICALS
AND CHEMICAL PRODUCTS (D24)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2155	Chemical Engineers	Conduct research and develop, design and advice on unit processes and unit operations and direct commercial - scale chemical processes and operations and direct maintenance and repair of industrial plant, or study and advice on technological aspects of particular materials, products or processes.
3116	Chemical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of chemical engineers, contributory to the development of industrial chemical processes and design, construction, operation, maintenance and repair of industrial plant.
8151	Crushing, Grinding and Chemical-Mixing Machinery Operators	Operate and monitor machinery which crushes, grinds, mixes and blends chemicals and other materials used in chemical and related processes.
8152	Chemical Heat-Treating Plant Operators	Operate and monitor machinery and equipment which cook, roast and provide other types of heat treatment in chemical and related processing.
8153	Chemical-Filtering and Separating Equipment Operators	Operate and monitor machines and equipment which filter and separate chemicals and related materials.
8221	Pharmaceutical and Toiletry Products Machine Operators	Operate and monitor machines which process a variety of chemicals and other ingredients used in the production of pharmaceuticals and toiletries.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF RUBBER PRODUCTS (D251)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2154	Mechanical Engineers	Conduct research and advice on, design and direct production of machines, machinery industrial plant, equipment and systems and advice on and direct their functioning, maintenance and repairs.
2155	Chemical Engineers	Conduct research and develop, design and advice on unit processes and unit operations and direct commercial - scale chemical processes and operations and direct maintenance and repair of industrial plant, or study and advice on technological aspects of particular materials, products or processes.
3116	Chemical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of chemical engineers, contributory to the development of industrial chemical processes and design, construction, operation, maintenance and repair of industrial plant.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
8231	Rubber Products Machine Operators	Operate and monitor machines which knead and blend rubber compounds, and produce various components and products, from natural and synthetic rubber such as molded footwear, domestic articles, insulating materials, industrial accessories, or tires for bicycles, automobiles, tractors, aircraft and other vehicles.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF PLASTIC PRODUCTS (D252)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2154	Mechanical Engineers	Conduct research and advice on, design and direct production of machines, machinery industrial plant, equipment and systems and advice on and direct their functioning, maintenance and repairs.
2155	Chemical Engineers	Conduct research and develop, design and advice on unit processes and unit operations and direct commercial - scale chemical processes and operations and direct maintenance and repair of industrial plant, or study and advice on technological aspects of particular materials, products or processes.
3116	Chemical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of chemical engineers, contributory to the development of industrial chemical processes and design, construction, operation, maintenance and repair of industrial plant.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
8232	Plastic Products Machine Operators	Operate and monitor machines which knead and blend compounds to obtain plastic materials and which make various plastic components and articles.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF OTHER NON-METALLIC
MINERAL PRODUCTS (D26)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2154	Mechanical Engineers	Conduct research and advice on, design and direct production of machines, machinery industrial plant, equipment and systems and advice on and direct their functioning, maintenance and repairs.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
732	Potters, Glass-Makers and Related Trades	Make bricks, tiles, pottery, porcelainware and glassware, engrave and etch designs on glass articles and paint or decorate glass.
813	Glass, Ceramics and Related Plant Operators	Operate and monitor kilns, furnaces and other machinery and equipment used in the manufacture of glass as well as ceramic products.
8212	Cement and Other Mineral Products Machine Operators	Operate and monitor extrusion, molding, mixing, grinding and cutting machines which manufacture and finish various pre-cast concrete and stone products or which make cast stone for building purposes.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF BASIC METALS (D27)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
7211	Metal Molders and Core Makers	Make molds and cores for casting metal.
7213	Sheet Metal Workers	Make install and repair articles and parts of articles of sheet metal such steel sheet, copper, tin, brass, aluminum, zinc or galvanized iron.
8121	Ore and Metal Furnace Operators	Operate and monitor ore-smelting, metal converting acid refining furnaces
8122	Metal Melters, Casters and Rolling-Mill Operators	Operate and monitor rolling mills to roll metal, or furnaces to melt or reheat metal, or machines to cast metals.
8123	Metal Heat Treating Plant Operators	Operate and monitor plant altering the physical properties of metal objects by heating, cooling and chemical treatment.
8124	Metal Drawers and Extruders	Operate and monitor machinery and equipment which draw and extrude metals to make wire, tubes and similar products.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF FABRICATED METAL PRODUCTS,
EXCEPT MACHINERY AND EQUIPMENT (D28)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
7212	Welders and Flamecutters	Weld and cut metal parts using gas flame, or an electric arc and other sources of heat to melt and cut, or to melt and fuse metal .
7214	Structural Metal Preparers	Shape, assemble heavy metal girders and plates to form structure and frameworks.
7221	Blacksmiths, Hammersmiths and Forging Press Operators	Draw wire, hammer and forge bars, rods, and plates of iron, steel or other metals to make and repair various kinds of tools, metal articles, piece of equipment, agricultural and related implements.
7223	Machine - Tool Setters and Setter-Operators	Set for operators, or set and operate various machine tools working to fine tolerances or to produce metal articles in standardized series.
8211	Machine Tool Operators	Operate and monitor automatic or semi-automatic metal working machines which perform repetitive work and are set up by machine-tool setlers.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF MACHINERY AND EQUIPMENT, N.E.C. (D29)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2154	Mechanical Engineers	Conduct research and advice on, design and direct production of machines, machinery industrial plant, equipment and systems and advice on and direct their functioning, maintenance and repairs.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
7212	Welders and Flamecutters	Weld and cut metal parts using gas flame, or an electric arc and other sources of heat to melt and cut, or to melt and fuse metal.
7222	Tool Makers and Related Workers	Make engines or machinery components, and parts thereof, using hand and machine tools to work metal to fine tolerances.
7234	Agricultural or Industrial Machinery Mechanics and Fitters	Fit, install, examine, service and repair engines (except motor vehicle and aircraft engines), agricultural or industrial machinery and mechanical equipment.
8271	Mechanical Machinery Assemblers	Assemble the components or parts of mechanical machinery, according to strictly laid down procedures.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF ELECTRICAL MACHINERY
AND APPARATUS, N.E.C. (D31)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2152	Electrical Engineers	Conduct research, and advice on, design and direct construction of electrical systems, motors and equipment, and advice on and direct their functioning, maintenance and repairs or study and advice on technological aspects of particular materials, products or processes.
3113	Electrical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of electrical engineers, contributory to the design, development, construction, installation, maintenance and repair of electrical systems and equipment.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
7242	Electrical Mechanics and Fitters	Fit, adjust, install and repair electrical machinery and other electrical apparatus and equipment in buildings, factories, workshops, or other places.
8272	Electrical Equipment Assemblers	Assemble the components or parts of electrical equipment, according to strictly laid down procedures.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF RADIO, TELEVISION
AND COMMUNICATION EQUIPMENT AND APPARATUS (D32)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2153	Electronics and Telecommunications Engineers	Conduct research, and advice on, design and direct construction, installation and maintenance of electronic systems and equipment and advice on and direct their functioning, maintenance and repairs or study and advice on technological aspects of particular materials, products or processes.
3114	Electronics and Telecommunications Engineering Technicians	Perform technical tasks, normally under the supervision of electronics engineers, connected with electronic and telecommunications engineering research, as well as with the design, manufacture, assembly, construction, operation, maintenance and repair of electronic equipment and electronic and electromechanical communications.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
7243	Electronics Fitters	Fit, and adjust computer hardware, as well as sound and image recording and transmitting telecommunication and other electronic equipment.
8273	Electronic Equipment Assemblers	Assemble the components or parts of electronic equipment, according to strictly laid down procedures.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE OF MOTOR VEHICLES, TRAILERS
AND SEMI-TRAILERS (D34)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2154	Mechanical Engineers	Conduct research and advice on, design and direct production of machines, machinery industrial plant, equipment and systems and advice on and direct their functioning, maintenance and repairs.
3115	Mechanical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of mechanical engineers, contributory in the design, development, manufacture, construction, installation, maintenance and repair of mechanically functioning plant and equipment.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
7213	Sheet-Metal Workers	Install and repair sheet metal parts of vehicles.
7231	Motor Vehicle Mechanics and Related Trades Workers	Install, maintain, service and repair engines and related parts of motor vehicles.
8271	Mechanical Machinery Assemblers	Assemble the components or parts of engines and vehicles according to strictly laid down procedures.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN BUILDING AND REPAIRING OF SHIPS AND BOATS (D351)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2154	Marine Engineers	Conduct research and advice on and design propulsion systems, hulls and superstructures of ships and other vessels.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
7136	Plumbers, Pipe Fitters and Other Related Workers	Assemble, fit, install and repair plumbing fixtures, or pipes and pipeline system.
7212	Welders and Flamecutters	Weld and cut metal parts using gas flame, or an electric arc and other sources of heat to melt and cut, or to melt and fuse metal.
7214	Structural-Metal Preparers, Erectors and Related Workers	Shape, assemble and erect heavy metal girders and plates to form structures and frameworks.
7215	Riggers and Cable Splicers	Erect tackle for lifting and hauling, or install and maintain cables, ropes and wires in ships.
7233	Marine Crafts Mechanics	Service, overhaul and repair vessels' engines, boilers and mechanical equipment.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MANUFACTURE AND REPAIR OF FURNITURE (D36)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
3471	Decorators and Commercial Designers	Apply artistic techniques to product design, interior decoration and sales promotion.
4132	Production Clerks	Compute quantities of materials required at specified dates for the production program and prepare and check production operation schedules.
7422	Cabinet Makers and Related Workers	Make and repair wooden articles such as cabinets and other furniture using woodworking machines and hard tools.
7424	Rattan, Bamboo and Other Wicker Furniture Workers	Make wicker furniture from bamboo, rattan, reeds, rushes and similar materials by hand.
7436	Upholsterers and Related Workers	Upholster furniture, make mattresses, or make and install interior decorations of textile, leather and similar materials.
8240	Wood Products Machine Operators	Operate and monitor automatic or semi-automatic woodworking machines which perform repetitive work and are always set up by woodworking-machine setters.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN ELECTRICITY, GAS, STEAM AND HOT WATER SUPPLY (E40)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2152	Electrical Engineers	Conduct research and advise on, design and direct construction of electrical systems, motors and equipment, and advise on and direct their functioning, maintenance and repairs or study and advice on technological aspects of particular materials, products or processes.
3113	Electrical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of electrical engineers, contributory to the design, development, construction, installation, maintenance and repair of electrical systems and equipment.
4215	Debt Collectors and Related Workers	Collect payments and perform clerical duties associated with these collections.
4225*	Customer Service Representative/ Associates (in call centers)	Place or receive telephone calls on behalf of an organization in order to facilitate, provide customer service, answer customers questions, conduct research, receive customer complaints and resolve problems. They use computers and other automated equipment to document calls, retrieve information for customers or process orders for products and services. Does not include workers who work primarily as switchboard operators or dispatchers.
7242	Electrical Mechanics and Fitters	Fit, adjust and repair various kinds of electrical machinery and motors, generators, switch gear, control apparatus and instruments.
7246	Lineman, Line Installers and Cable Splicers	Install and repair power lines and cables.
8161	Power-Production Plant Operators	Operate and monitor machinery and equipment which produce electric or other power and control its distribution.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN COLLECTION, PURIFICATION AND DISTRIBUTION OF WATER
(E 41)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2151	Civil Engineers	Conduct research and advise on, design and direct construction, and manage the operation and maintenance of civil engineering structures, or study and advise on technological aspects of particular materials.
3112	Civil Engineering Technicians	Perform technical tasks, normally under the direction and supervision of civil engineers, contributory to planning and execution of building and civil engineering projects, including design, construction, repair and maintenance of building and other structures such as water supply and sewerage systems, bridges, roads, dams and airports.
3152	Quality Inspectors	Inspect finished products or parts for conformity with manufacturer's specifications and standards.
4215	Debt Collectors and Related Workers	Collect payments and perform clerical duties associated with these collections.
4225*	Customer Service Representative/Associates (in call centers)	Place or receive telephone calls on behalf of an organization in order to facilitate, provide customer service, answer customers questions, conduct research, receive customer complaints and resolve problems. They use computers and other automated equipment to document calls, retrieve information for customers or process orders for products and services. Does not include workers who work primarily as switchboard operators or dispatchers.
7136	Plumbers, Pipe Fitters and Other Related Workers	Assemble, fit, install and repair plumbing fixtures, or pipes and pipeline system.
8163	Water-Treatment and Related Plant Operators	Operate and monitor machinery and equipment which purify and clarify water for human consumption or use and later disposal into natural water systems.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN CONSTRUCTION (F45)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1430	Production Supervisors and General Foremen	Supervise the production activities of a distinct unit or sector concerned with processing; coordinate, control and organize the activities of workers; train workers on a particular skill or task.
2151	Civil Engineers	Conduct research and advise on, design and direct construction, and manage the operation and maintenance of civil engineering structures, or study and advise on technological aspects of particular materials.
7122	Masons and Related Concrete Finishers	Prepare and place concrete for structures; finish masonry surfaces by plastering chipping, grinding, sand blasting, terrazo and other related processes; install, lay, fit or set masonry products such as brick, tile and mosaic panels; and apply plaster to construct decorative and ornamental surfaces.
7123	Carpenters and Joiners	Cut, shape, assemble, erect, maintain and repair various types of wooden structures and fittings.
7134	Insulation Workers	Apply and repair insulating materials to buildings, boilers, pipes or refrigeration and airconditioning equipment.
7136	Plumbers, Pipe Fitters and Related Workers	Assemble, fit, install and repair plumbing fixtures, or pipes and pipeline system.
7214	Structural Metal Preparers, Erectors and Related Workers	Shape, assemble and erect heavy metal girders and plates to form structures and frameworks.
7234	Heavy Equipment Mechanic	Fit, install, examine, service and repair engines (except motor vehicle and aircraft engines), agricultural, industrial and mechanical equipment.
7241	Building and Related Electricians	Install, maintain and repair electrical wiring systems and related equipment.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN SALE, MAINTENANCE AND REPAIR OF MOTOR VEHICLES
AND MOTORCYCLES EXCEPT RETAIL SALE OF AUTOMOTIVE FUEL
(G50 excl. G505)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
144	Sales Supervisors	Engage in, or directly associated with, buying and selling of goods and services for use on behalf of wholesale, retail, industrial or other establishments and organizations.
2411	Accountants and Auditors	Advise on, plan and install budgetary, accounts controlling and other accounting policies and systems; prepare financial statements for presentation to management, shareholders, statutory or other bodies and for taxation purposes; audit accounting records and documents leading to the preparation of auditor's report therein.
3415	Technical and Commercial Sales Representatives	Sell various goods on a wholesale basis including installations, equipment and technical products and related services and provide specialized information as required.
4131	Stock Clerks	Maintain records of goods produced and production materials received, weighed, issued, dispatched or put into stock.
4211	Cashiers	Receive directly from clients, payments for goods and services bought in commercial establishments.
5220	Shop Salespersons and Demonstrators	Demonstrate and sell goods in wholesale establishments to retailers and large-scale consumers or to customers in retail establishments.
7231	Motor Vehicle Mechanics and Related Trades Workers	Install, maintain, service and repair engines and related equipment such as motorcycles, passenger cars and delivery trucks and other motor vehicles.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN WHOLESALE TRADE AND COMMISSION TRADE, EXCEPT OF
MOTOR VEHICLES AND MOTORCYCLES (G51)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
144	Sales Supervisors	Engage in, or directly associated with, buying and selling of goods and services for use on behalf of wholesale, retail, industrial or other establishments and organizations.
2411	Accountants and Auditors	Advise on, plan and install budgetary, accounts controlling and other accounting policies and systems; prepare financial statements for presentation to management, shareholders, statutory or other bodies and for taxation purposes; audit accounting records and documents leading to the preparation of auditor's report therein.
3415	Technical and Commercial Sales Representatives	Sell various goods on a wholesale basis including installations, equipment and technical products and related services and provide specialized information as required.
4131	Stock Clerks	Maintain records of goods produced and production materials received, weighed, issued, dispatched or put into stock.
4211	Cashiers	Receive directly from clients, payments for goods and services bought in commercial establishments.
4224*	Telemarketers	Place telephone calls on behalf of an organization in order to facilitate sales. They promote, take orders and process orders for products and services. They may also receive customer complaints and resolve problems with service, billing or credit.
5220	Shop Salespersons and Demonstrators	Demonstrate and sell goods in wholesale establishments to retailers and large-scale consumers or to customers in retail establishments.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN RETAIL TRADE, EXCEPT OF MOTOR VEHICLES AND
MOTORCYCLES AND REPAIR OF PERSONAL AND HOUSEHOLD
GOODS (G52 excl. G526)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
144	Sales Supervisors	Engage in, or directly associated with, buying and selling of goods and services for use on behalf of wholesale, retail, industrial or other establishments and organizations.
2411	Accountants and Auditors	Advise on, plan and install budgetary, accounts controlling and other accounting policies and systems; prepare financial statements for presentation to management, shareholders, statutory or other bodies and for taxation purposes; audit accounting records and documents leading to the preparation of auditor's report therein.
4131	Stock Clerks	Maintain records of goods produced and production materials received, weighed, issued, dispatched or put into stock.
4211	Cashiers	Receive directly from clients, payments for goods and services bought in commercial establishments.
4224*	Telemarketers	Place telephone calls on behalf of an organization in order to facilitate sales. They promote, take orders and process orders for products and services. They may also receive customer complaints and resolve problems with service, billing or credit.
5220	Shop Salespersons and Demonstrators	Demonstrate and sell goods in wholesale establishments to retailers and large-scale consumers or to customers in retail establishments.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN HOTELS AND RESTAURANTS (H55)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2411	Accountants and Auditors	Advice on, plan and install budgetary, accounts controlling and other accounting policies and systems; prepare financial statements for presentation to management, shareholders, statutory or other bodies and for taxation purposes; audit accounting records and documents leading to the preparation of auditor's report therein.
4222	Receptionist and Information Clerks	Receive clients, provide information and make appointments on behalf of the establishment.
5120*	Service Crew	Usually found in fast food stores; performs various tasks such as cooking, serving, cleaning and the like.
5121	Housekeepers and Related Workers	Organize, supervise and carry out housekeeping functions in hotels, clubs and other related enterprises.
5122	Cooks	Plan, organize, prepare and cook foodstuffs in hotels, restaurants and other public eating places.
5123	Waiters, Waitresses and Bartenders	Serve food and beverages in commercially-operated dining and drinking places.
9132	Helpers and Cleaners	Perform various cleaning tasks in order to keep clean and tidy the interiors and fixtures of hotels, lodging and other establishments.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN BUS LINE OPERATION (I6011)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1421	Road Transport Service Supervisors	Supervise and coordinate one or more of the service activities of the traffic department, section or unit engaged in road transport undertaking.
4133	Transport Clerks (Dispatchers)	Keep records of operational aspects and coordinate the timing of passenger and freight transport.
4221	Ticket Clerks	Make and confirm reservations and sell tickets to passengers.
5112	Bus Conductors	Issue tickets and collect payments and take care of safety and comfort on buses.
5114*	Bus Inspectors	Inspect/check tickets of bus passengers.
7231	Motor Vehicle Mechanics and Related Trades Workers	Install, maintain, service and repair motor vehicle engines and related equipment.
8323	Bus Drivers	Drive and tend buses to transport local or long-distance passengers.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN OTHER LAND TRANSPORT EXCEPT BUS LINE OPERATION
(I60 excl. I6011)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1421	Road Transport Service Supervisors	Supervise and coordinate one or more of the service activities of the traffic department, section or unit engaged in road transport undertaking.
4133	Transport Clerks (Dispatchers)	Keep records of operational aspects and coordinate the timing of passenger and freight transport.
7231	Motor Vehicle Mechanics and Related Trades Workers	Install, maintain, service and repair motor vehicle engines and related equipment.
8324	Heavy Truck and Lorry Drivers	Drive and tend heavy motor vehicles to transport goods, liquids and heavy materials over short or long distances.
9333	Freight Handlers	Carry out tasks such as packing, carrying, loading and unloading ship and aircraft cargoes and other freight, or carrying and stacking goods in various warehouses.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN WATER TRANSPORT (I61)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1423	Maritime Transport Service Supervisors	Supervise and coordinate one or more activities of the traffic department, section or unit engaged in marine transport undertaking.
3141	Ship's Engineers	Control and participate in the operation, maintenance and repair of mechanical, electrical and electronics equipment and machinery on board ship or perform related supporting functions on shore.
3142	Ships' Deck Officers and Pilots	Command and navigate ships and direct marine services on shore for shipping company vessels arriving in port.
4133	Transport Clerks	Keep records of operational aspects and coordinate the timing of passenger and freight transport.
4221	Ticket Clerks	Make and confirm reservations and sell tickets to passengers.
5111	Travel Attendants and Travel Stewards	Render personal services to ensure the comfort and safety of passengers, serve meals and beverages, or plan and coordinate housekeeping and social activities on board.
7233	Marine Craft Mechanics	Service, overhaul and repair vessels' engines, boilers and mechanical equipment.
8340	Ships' Deck Crews and Related Workers	Carry out deck duties on board ship and other water-borne craft.
9333	Freight Handlers	Carry out tasks such as packing, carrying, loading and unloading ship and aircraft cargoes and other freight, or carrying and stacking goods in various warehouses.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN AIR TRANSPORT (I62)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1422	Air Transport Service Supervisors	Supervise and coordinate one or more activities of the traffic department, section or unit engaged in air transport undertaking.
3143	Aircraft Pilots, Navigators and Flight Engineers	Control the operation of mechanical, electrical and electronic equipment in order to navigate aircraft for transporting passengers, mail and freight and perform pre-flight and in-flight tasks.
4133	Transport Clerks	Keep records of operational aspects and coordinate the timing of passenger and freight transport.
4221	Ticket Clerks	Make and confirm reservations and sell tickets to passengers.
5111	Travel Attendants and Travel Stewards	Render personal services to ensure the comfort and safety of passengers, serve meals and beverages, or plan and coordinate housekeeping and social activities on board.
7232	Aircraft Engine Mechanics and Fitters	Fit, service, repair and overhaul aircraft components, engines, accessories and related equipment.
9333	Freight Handlers	Carry out tasks such as packing, carrying, loading and unloading ship and aircraft cargoes and other freight, or carrying and stacking goods in various warehouses.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN SUPPORTING AND AUXILIARY TRANSPORT ACTIVITIES;
ACTIVITIES OF TRAVEL AGENCIES (I63)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
3414	Travel Consultants and Organizers	Plans itinerary and schedule travel accommodations for customers, and organize or sell complete group travel tours for business or leisure.
3422	Clearing and Forwarding Agents	Carry out customs clearing procedures and ensure that insurance, export/import licenses and other formalities are in order.
4221	Travel Agency Clerks and Related Workers	Supply information, arrange, travel itineraries and obtain necessary reservations.
5113	Travel Guides	Accompany individual or groups on sightseeing tours or excursions, describe points of interests and provide other guide services.
8324	Heavy Truck and Lorry Drivers	Drive and tend heavy motor vehicles to transport goods, liquids and heavy materials over short or long distances.
9333	Freight Handlers	Carry out tasks such as packing, carrying, loading and unloading ship and aircraft cargoes and other freight, or carrying and stacking goods in various warehouses.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN POSTAL AND TELECOMMUNICATIONS SERVICES EXCEPT
NATIONAL POSTAL ACTIVITIES (I64 excl. I6411)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
1429	Communications Service Supervisors	Supervise and coordinate one or more department, section or unit engaged in postal or telecommunications service operations.
2153	Electronics and Telecommunications Engineers	Conduct research, and advice on, design and direct construction, installation and maintenance of electronic systems and equipment and advice and direct their functioning, maintenance and repairs or study and advice on technological aspects of particular materials, products or processes.
3114	Electronics and Telecommunications Engineering Technicians	Perform technical tasks, normally under the supervision of electronics engineers, connected with electronic and telecommunications engineering research as well as with the design, manufacture, assembly, construction, operation, maintenance and repair of electronic equipment and electronic and electromechanical communications.
4112	Telefax/Teleprinters/ Telex Clerks	Send and receive messages and facsimiles by means of teleprinters, telefax or similar machines.
4223	Telephone Switchboard Operators	Operate a telephone switchboard or a section thereof, and deal with local or long distance calls, and various telephone inquiries.
4225*	Customer Service Representative/ Associates (in call centers)	Place or receive telephone calls on behalf of an organization in order to facilitate, provide customer service, answer customers questions, conduct research, receive customer complaints and resolve problems. They use computers and other automated equipment to document calls, retrieve information for customers or process orders for products and services. Does not include workers who work primarily as switchboard operators or dispatchers.
7245	Telecommunication Equipment Installers and Repairers	Install, service and repair telecommunication equipment in central sites or customer's premises.
9151	Messengers and Deliverers	Carry and deliver messages, packages and other items within an establishment, or between establishments, to households and elsewhere.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN BANKING INSTITUTIONS EXCEPT CENTRAL BANKING
(J65 excl. J6510)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2122	Statisticians	Conduct statistical research to improve or develop operational methods and techniques, and advice or engage in practical applications of statistics.
2411	Accountants and Auditors	Advice on, plan and install budgetary, accounts controlling and other accounting policies and systems; prepare financial statements for presentation to management, shareholders, statutory or other bodies and for taxation purposes; audit accounting records and documents leading to the preparation of auditor's report therein.
2441	Economists	Conduct economic research to improve or develop operational methods used to understand and describe the behavior of national and international markets for goods, services and labor and advice or engage in practical applications of economics.
3433	Bookkeepers	Maintain complete records of financial transactions of an undertaking and verify accuracy of documents and records relating to such transactions.
4122	Statistical and Finance Clerks	Compute statistical or actuarial data or perform clerical tasks relating to the transactions of banks and other financial establishments.
4212	Tellers	Deal directly with clients of banks in connection with receiving, changing and paying out money.
4225*	Customer Service Representative/ Associates (in call centers)	Place or receive telephone calls on behalf of an organization in order to facilitate, provide customer service, answer customers questions, conduct research, receive customer complaints and resolve problems. They use computers and other automated equipment to document calls, retrieve information for customers or process orders for products and services. Does not include workers who work primarily as switchboard operators or dispatchers.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN NON-BANK FINANCIAL INTERMEDIATION (J66)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2122	Statisticians	Conduct statistical research to improve or develop operational methods and techniques, and advice or engage in practical applications of statistics.
2411	Accountants and Auditors	Advice on, plan and install budgetary, accounts controlling and other accounting policies and systems; prepare financial statements for presentation to management, shareholders, statutory or other bodies and for taxation purposes; audit accounting records and documents leading to the preparation of auditor's report therein.
2441	Economists	Conduct economic research to improve or develop operational methods used to understand and describe the behavior of national and international markets for goods, services and labor and advice or engage in practical applications of economics.
3411	Securities and Finance Dealers and Brokers	Buy and sell securities, stocks, bonds and financial instruments and deal on the foreign exchange on spot or on future markets, on behalf of their own company or for customers on a commission basis and recommend transactions to clients or senior management.
3433	Bookkeepers	Maintain complete records of financial transactions of an undertaking and verify accuracy of documents and records relating to such transactions.
4122	Statistical and Finance Clerks	Compute statistical or actuarial data or perform clerical tasks relating to the transactions of banks and other financial establishments.
4215	Debt Collectors and Related Workers	Collect payments and perform clerical duties associated with these collections.
4225*	Customer Service Representative/ Associates (in call centers)	Place or receive telephone calls on behalf of an organization in order to facilitate, provide customer service, answer customers questions, conduct research, receive customer complaints and resolve problems. They use computers and other automated equipment to document calls, retrieve information for customers or process orders for products and services. Does not include workers who work primarily as switchboard operators or dispatchers.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN INSURANCE AND PENSION FUNDING, EXCEPT
COMPULSORY SOCIAL SECURITY (J67)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2121	Actuaries	Conduct research and improve or develop mathematical and actuarial concepts, theories and operational methods and techniques and advise on or engage in their practical applications.
2122	Statisticians	Conduct statistical research to improve or develop operational methods and techniques, and advice or engage in practical applications of statistics.
2132	Computer Programmers	Write, test and maintain computer programs to meet the needs of users of computer systems.
2411	Accountants and Auditors	Advice on, plan and install budgetary, accounts controlling and other accounting policies and systems; prepare financial statements for presentation to management, shareholders, statutory or other bodies and for taxation purposes; audit accounting records and documents leading to the preparation of auditor's report therein.
3412	Insurance Representatives	Advise on and sell life, accident, automobile, liability, endowment, fire, marine and other types of insurance to new and established clients.
3417	Appraisers and Valuers	Determine the value of property and goods and assess losses covered by insurance policies.
4122	Statistical and Finance Clerks	Compute statistical or actuarial data or perform clerical tasks relating to the transactions of banks and other financial establishments.
4215	Debt Collectors and Related Workers	Collect payments and perform clerical duties associated with these collections.
4225*	Customer Service Representative/ Associates (in call centers)	Place or receive telephone calls on behalf of an organization in order to facilitate, provide customer service, answer customers questions, conduct research, receive customer complaints and resolve problems. They use computers and other automated equipment to document calls, retrieve information for customers or process orders for products and services. Does not include workers who work primarily as switchboard operators or dispatchers.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN COMPUTER AND RELATED ACTIVITIES (K72)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2131	Systems Analysts And Designers	Conduct research, improve or develop computing concepts and operational methods, and advise on or engage in their practical applications.
2132	Computer Programmers	Write, test and maintain computer programs to meet the needs of users of computer systems.
2153	Electronics and Telecommunications Engineers	Conduct research, and advice on, design and direct construction, installation and maintenance of electronic systems and equipment and advice and direct their functioning, maintenance and repairs or study and advice on technological aspects of particular materials, products or processes.
2157	Computer Engineers	Designing, implementing, maintaining and updating computer software applications, and computer operating system, installing computers and performing diagnostics on computer hardware.
3114	Electronics and Telecommunications Engineering Technicians	Perform technical tasks, normally under the supervision of electronics engineers, connected with electronic and telecommunications engineering research as well as with the design, manufacture, assembly, construction, operation, maintenance and repair of electronic equipment and electronic and electromechanical communications.
3121	Computer Assistants	Provide assistance to users of micro-computers and standard software systems at installation and when problems occur, install new computer programs on particular hardware and operating system configurations, install new peripheral units and maintain and update existing programs by making changes and adjustments to them under the guidance of computer professionals.
3122	Computer Equipment Operators	Operate and control peripheral and related computer equipment used for recording, storing, transmitting and processing digital data and for displaying data as letters, numbers or graphs on screen, paper or film.
4113	Data Entry Operators	Enter numerical and other data into electronic equipment for processing and transmission.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN ACCOUNTING, BOOKKEEPING AND AUDITING ACTIVITIES;
TAX CONSULTANCY (K7412)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2411	Accountants and Auditors	Advice on, plan and install budgetary, accounts controlling and other accounting policies and systems; prepare financial statements for presentation to management, shareholders, statutory or other bodies and for taxation purposes; audit accounting records and documents leading to the preparation of auditor's report therein.
3433	Bookkeepers	Maintain complete records of financial transactions of an undertaking and verify accuracy of documents and records relating to such transactions.
4113	Data Entry Operators	Enter numerical and other data into electronic equipment for processing and transmission.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN ARCHITECTURAL, ENGINEERING AND RELATED TECHNICAL
CONSULTANCY (K7421)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2114	Geologists	Conduct research, improve or develop concepts, theories and operational methods, or apply scientific knowledge relating to geology in such fields as oil, gas and mineral exploitation, water conservation, civil engineering, telecommunications and navigation.
2141	Architects	Conduct research and advice on and design residential, commercial and industrial buildings, landscape systems, and plan and monitor their construction, maintenance and rehabilitation.
2151	Civil Engineers	Conduct research and advise on, design and direct construction, and manage the operation and maintenance of civil engineering structures, or study and advise on technological aspects of particular materials.
2152	Electrical Engineers	Conduct research, and advice on, design and direct construction of electrical systems, motors and equipment, and advice on and direct their functioning, maintenance and repairs or study and advice on technological aspects of particular materials, products or processes.
2156	Geodetic Engineers	Apply surveying methods and techniques to determine exact position of natural and constructed features and boundaries of land, seas, underground areas and celestial bodies, and prepare or revise graphic, digital and pictorial representations.
3112	Civil Engineering Technicians	Perform technical tasks, normally, under the direction and supervision of civil engineers, building architects or geodetic engineers, contributory to planning and execution of building and civil engineering projects, including design, construction, repair and maintenance of building and other structures such as water supply and sewerage systems, bridges, roads, dams and airports.
3113	Electrical Engineering Technicians	Perform technical tasks, normally under the direction and supervision of electrical engineers, contributory to the design, development, construction, installation, maintenance and repair of electrical systems and equipment.
3118	Draftsmen	Prepare technical drawings and maps and illustrations from sketches, measurements and other data and copy drawings and paintings onto printing plates. Operate computer-assisted drawing (CAD) equipment to create, modify and generate hard copy and digital representation of working drawings.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN CALL CENTER ACTIVITIES (K74996)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2132	Computer Programmers	Write, test and maintain computer programs to meet the needs of users of computer systems.
2157	Computer Engineers	Designing, implementing, maintaining and updating computer software applications, and computer operating system, installing computers and performing diagnostics on computer hardware.
3121	Computer Assistants	Provide assistance to users of micro-computers and standard software systems at installation and when problems occur, install new computer programs on particular hardware and operating system configurations, install new peripheral units and maintain and update existing programs by making changes and adjustments to them under the guidance of computer professionals.
4225*	Customer Service Representative/ Associates	Place or receive telephone calls on behalf of an organization in order to facilitate, provide customer service, answer customers questions, conduct research, receive customer complaints and resolve problems. They use computers and other automated equipment to document calls, retrieve information for customers or process orders for products and services. Does not include workers who work primarily as switchboard operators or dispatchers.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN MEDICAL TRANSCRIPTION AND RELATED OUTSOURCING
ACTIVITIES (K74997)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2132	Computer Programmers	Write, test and maintain computer programs to meet the needs of users of computer systems.
2157	Computer Engineers	Designing, implementing, maintaining and updating computer software applications, and computer operating system, installing computers and performing diagnostics on computer hardware.
3121	Computer Assistants	Provide assistance to users of micro-computers and standard software systems at installation and when problems occur, install new computer programs on particular hardware and operating system configurations, install new peripheral units and maintain and update existing programs by making changes and adjustments to them under the guidance of computer professionals.
4116*	Medical Transcriptionists	Listen to dictated recordings made by physicians and other health care professionals and transcribe them into medical reports, correspondence, and other administrative material. The documents they produce include discharge summaries, history and physical examination reports, operative reports, consultation reports, autopsy reports, diagnostic imaging studies, progress notes, and referral letters.

* BLES CODE.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN PRIVATE EDUCATION SERVICES (M 81)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2310	College, University and Higher Education Teaching Professionals	Teach subjects at different levels after the termination of secondary education; conduct research and improve or develop concepts, theories and operational methods pertaining to their particular discipline.
2320	Technical and Vocational Instructors/Trainers	Teach specific vocational training subjects in specific trades to students or trainees at the post-secondary levels or in industrial plants.
2331	General Secondary Education Teaching Professionals	Teach academic subjects at the second level of education.
2332	Science and Mathematics Teaching Professionals	Teach academic subjects at the second level of education in science and mathematics.
2333	Vocational Education Teaching Professionals	Teach vocational and technical education subjects at the second level of education.
2341	General Elementary Education Teaching Professionals	Teach a range of subjects at the primary education level.
2342	Science and Mathematics Elementary Education Teaching Professionals	Teach science and mathematics in the first level of education.
2351	Pre-Elementary Education Teaching Professionals	Organize group and individual play and educational activities to support and promote physical, mental and social development of children below primary-school age.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN PRIVATE MEDICAL, DENTAL AND OTHER HEALTH
ACTIVITIES (N8512)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2221	Medical Doctors	Conduct research, improve or develop concepts, theories and operational methods, and apply preventive or curative measure.
2222	Dentists	Conduct research, improve or develop concepts, theories and operational methods, and apply medical knowledge in the field of dentistry.
2225	Nutritionists-Dietitians	Plan and direct all aspects of food service in hospitals and other health care facilities.
2227	Medical Technologists	Engage in the work of medical technology (laboratory work) under the supervision of a pathologist or a licensed physician.
2228	Physiotherapists	Treat disorders of bones, muscles and parts of the circulatory or the nervous system by manipulative methods, and ultrasound, heating, laser or similar techniques or apply physiotherapy and related therapies as part of the treatment for the physically disabled, mentally ill or unbalanced.
2231	Professional Nurses	Assist medical doctors in their tasks, deal with emergencies in their absence and provide professional nursing care for the sick, injured, physically and mentally disabled and others in need of such care.
2232	Professional Midwives	Deliver or assist in the delivery of babies, provide prenatal and postnatal care and instruct parents in baby care.
3133	Medical Equipment Operators	Control technical equipment used to diagnose or treat illnesses and disorders.

Note: PSOC refers to Philippine Standard Occupational Classification.

**LIST OF OCCUPATIONS COVERED BY 2008 OWS
IN ANIMATED FILMS AND CARTOONS PRODUCTION (O92112)**

PSOC 2002 Update	OCCUPATION	FUNCTIONS/RESPONSIBILITIES
2452	Multi-Media Artists and Animators	Create special effects, animation, or other visual images using film, video, computers, or other electronic tools and media for use in products or creations, such as computer games, movies, music videos, and commercials.
2455	Art Directors	Formulate design concepts and presentation approaches, and direct workers engaged in art work, layout design and copy writing for visual communications media.
3131	Film and Video Editors	Responsible for assembling the final product as a sequence consisting of shots from the raw camera footage, dialogue, sound effects and graphics. Adds special effects software and grading/colouring to the finished film or programme in perfecting the final product.
3471	Graphic Designers	Plan, analyze, and create visual solutions to meet clients needs. May use a variety of methods such as color, type, illustration, photography, animation, and various print and layout techniques to get messages across in print, electronic, and film media.

Note: PSOC refers to Philippine Standard Occupational Classification.