

ASCO

STATISTICAL CLASSIFICATION

PART 2

STRUCTURE AND GROUP DEFINITIONS

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SUMMARY OF ASCO CRITERIA

The structure of ASCO is based on kind of work, defined in terms of two broad criteria – skill level and skill specialisation.

SKILL LEVEL

The skill level of an occupation is a function of the range and complexity of the set of tasks involved.

It is measured by the amount of formal education, on-the-job training and previous experience usually necessary for the satisfactory performance of the set of tasks.

Formal education consists of three types – primary, secondary and tertiary education. Secondary education is measured as the combined total of years of primary and secondary schooling. Tertiary education is divided into categories consistent with those recognized by the Australian Council of Awards in Advanced Education and the Technical and Further Education Advisory Council.

On-the-job training is defined as training received after employment in the job and is measured in weeks, months or years.

Previous experience for a given occupation is defined as the number of years of experience gained in other occupations which contribute to the satisfactory performance of the set of tasks.

SKILL SPECIALISATION

This criterion is used to group occupations according to type, rather than level, of skill.

It is measured by:

- . field of knowledge;
- . tools or equipment used;
- . materials worked on;
- . goods or services produced.

(1) Field of knowledge

This variable indicates the subject matter which is essential to the tasks performed.

(2) Tools or equipment used

This variable indicates the plant, machinery or hand tools used in the performance of the tasks.

The terms 'plant', 'machinery' and 'hand tools' are defined as follows:

- . plant – mobile or stationary equipment, which is large in size, performs several related functions, and is usually controlled by an internally located operator;
- . machinery – usually stationary equipment, which is not as large as plant, performs one processing function and is usually controlled by an externally located operator;
- . hand tools – equipment which is small enough to be moved and operated by one person.

(3) Materials worked on

This variable indicates the materials which are processed, refined or fabricated as an essential part of the tasks performed.

(4) Goods or services produced

This variable indicates the goods or services which are produced as a result of the tasks performed.

PROFILE OF THE ASCO STRUCTURE

LEVELS IN THE STRUCTURE

The structure of ASCO has four levels:

- . major group
- . minor group
- . unit group
- . occupation.

Major Groups are:

- . the broadest level of the classification
- . denoted by 1-digit codes
- . distinguished from each other on the basis of skill level.

There are 8 Major Groups.

Minor Groups are:

- . subdivisions of the major groups
- . denoted by 2-digit codes (the relevant major group code, plus an additional digit)
- . distinguished from other minor groups in the same major group on the basis of broadly stated skill specialisation

There are 52 Minor Groups.

Unit Groups are:

- . subdivisions of the minor groups
- . denoted by 4-digit codes (the relevant minor group code, plus 2 additional digits)
- . distinguished from other unit groups in the same minor group on the basis of a finer degree of skill specialisation

There are 282 Unit Groups.

Occupations are:

- . subdivisions of the unit groups;
- . denoted by 6-digit codes (the relevant unit group code, plus a hyphen and 2 additional digits);
- . distinguished from other occupations in the same unit group on the basis of detailed skill level and specialisation
- . sets of jobs which involve the performance of a common set of tasks.

There are 1079 Occupations.

The following example illustrates these conventions:

LEVEL	CODE	TITLE
Major group	2	Professionals
Minor group	28	Artists and Related Professionals
Unit group	2805	Designers and Illustrators
Occupation	2805-13	Graphic Designer

RESERVED CODES

Occupation and unit group codes in ASCO end in odd digits to allow for future expansion without need for substantial re-numbering.

Certain codes are reserved for residual categories and for supervisory and trainee occupations.

Residual Categories

A set of codes is reserved for residual categories at the minor group, unit group and occupation levels. These categories cover elements not included in substantive categories at various levels in the classification.

The reserved codes are:

- . M9uu-oo at minor group level
- . Mm99-oo at unit group level
- . Mmuu-99 at occupation level

(where Mmuu is the unit group code and Mmuu-oo the occupation code)

Most groups in ASCO contain a number of substantive subsets at the next lower level. Each subset was created by selecting occupations or groups of occupations which are similar in terms of the classification criteria. In many cases, however, some occupations remain which have nothing in common except that they all belong to the same broader group. As a result, the substantive subsets together do not correspond to the entire group. For example, not everything in the Minor Group

82 Agricultural Labourers and Related Workers

is covered by the substantive Unit Groups

- 8201 Farm Hands and Assistants
- 8203 Forestry Labourers
- and
- 8205 Nursery and Garden Labourers.

Consequently categories have been created to cover the remaining elements. These are called 'residual categories'. In the above example, the residual Unit Group

8299 Other Agricultural Labourers and Related Workers

was created to cover the balance of Minor Group 82.

ASCO uses several terms to indicate residual categories - 'miscellaneous' at the minor group level, 'other' at the unit group level, and 'nec' (for 'not elsewhere classified') at the occupation level.

Residual categories are less homogeneous than other groups at the same level, but are required to ensure that the structure is exhaustive at all levels.

Reserved Codes at Occupation Level

At the occupation level there are two sets of reserved codes - those for supervisors, and those for trainees.

Supervisory codes have a zero in the first column following the hyphen. They range from Mmuu-01 to Mmuu-09.

The term 'supervisor' covers foremen/women, superintendents, overseers and other workers who both supervise and participate in the work of a team of Clerks, Salespersons and Personal Service Workers, Tradespersons, Plant and Machine Operators and Drivers and/or Labourers and Related Workers.

Trainee codes have a nine in the first column following the hyphen. They range from Mmuu-91 to Mmuu-97.

The term 'trainee' covers employed persons undertaking a period of on-the-job training, whether or not in conjunction with formal study for a particular occupation. They may or may not be apprenticed or otherwise indentured.

SUPPLEMENTARY CODES

Supplementary codes are used to process inadequately described responses in statistical collections. The codes are of two types - those commencing with '9' and those ending with one or more zeros.

Codes commencing with '9' are used to process responses which do not provide sufficient information to be coded to any level of the structure. They may also be used to process responses which are not covered by the current definition of the labour force (as defined by the International Labour Office) and are thus not contained within the structure, for example, 'housewife', 'pensioner' and 'student'.

Codes ending in one or more zeros are used to process responses which do not provide sufficiently detailed information to be coded to the level of the structure adopted for the collection, but which do provide enough information to be coded to a higher level of the structure. Thus, for example, responses which are codable only at the major or minor group levels can be processed within a collection coded at the unit group level. The following table details the use of these codes for relevant levels of the structure.

COLLECTION CODED TO	CODE	RESPONSE CODABLE ONLY TO
minor group	M0	major group
unit group	M000 Mm00	major group minor group
occupation	M000-00 Mm00-00 Mmuu-00	major group minor group unit group

(Where M is a major group code, Mm is a minor group code, and Mmuu is a unit group code.)

NAMING CONVENTIONS

1. Titles at all levels are designed to illustrate the mutually exclusive nature of the groups and occupations. For this reason most titles are unique to one group or occupation. However, there are some groups which contain only one subset, and therefore possess exactly the same title as that subset.
2. All substantive terms in ASCO titles appear as nouns rather than adjectives.
3. At major, minor and unit group levels titles are in plural form, but occupation titles, including alternative and specialisation titles, are in singular form.
4. ASCO uses three terms to indicate residual categories: 'miscellaneous' at the minor group level, 'other' at the unit group level, and 'nec' (for 'not elsewhere classified') at the occupation level.

Residual categories always occur at the end of lists and their codes end in '9' as described above in the section, Reserved Codes.

5. Gender-neutral terms have been used in all titles, with the exception of some titles used by the Defence Forces.

6. Some commonly-used terms have restricted meanings in ASCO. These are defined above in Summary of ASCO Criteria, and in specific group definitions.

DISTRIBUTION OF MAJOR, MINOR, UNIT GROUPS AND OCCUPATIONS

MAJOR GROUPS	MINOR GROUPS	UNIT GROUPS	OCCUPATIONS
1. Managers and Administrators	6	21	60
2. Professionals	9	62	191
3. Para-professionals	6	22	113
4. Tradespersons	9	60	275
5. Clerks	7	23	72
6. Salespersons and Personal Service Workers	6	20	82
7. Plant and Machine Operators, and Drivers	4	40	162
8. Labourers and Related Workers	5	34	124

MAJOR GROUPS

- 1 MANAGERS AND ADMINISTRATORS**
- 2 PROFESSIONALS**
- 3 PARA-PROFESSIONALS**
- 4 TRADESPERSONS**
- 5 CLERKS**
- 6 SALESPERSONS AND PERSONAL SERVICE WORKERS**
- 7 PLANT AND MACHINE OPERATORS, AND DRIVERS**
- 8 LABOURERS AND RELATED WORKERS**

- 1 MANAGERS AND ADMINISTRATORS**
- 11 Legislators and Government Appointed Officials
- 12 General Managers
- 13 Specialist Managers
- 14 Farmers and Farm Managers
- 15 Managing Supervisors (Sales and Service)
- 16 Managing Supervisors (Other Business)
- 2 PROFESSIONALS**
- 21 Natural Scientists
- 22 Building Professionals and Engineers
- 23 Health Diagnosis and Treatment Practitioners
- 24 School Teachers
- 25 Other Teachers and Instructors
- 26 Social Professionals
- 27 Business Professionals
- 28 Artists and Related Professionals
- 29 Miscellaneous Professionals
- 3 PARA-PROFESSIONALS**
- 31 Medical and Science Technical Officers and Technicians
- 32 Engineering and Building Associates and Technicians
- 33 Air and Sea Transport Technical Workers
- 34 Registered Nurses
- 35 Police
- 39 Miscellaneous Para-Professionals
- 4 TRADESPERSONS**
- 41 Metal Fitting and Machining Tradespersons
- 42 Other Metal Tradespersons
- 43 Electrical and Electronics Tradespersons
- 44 Building Tradespersons
- 45 Printing Tradespersons
- 46 Vehicle Tradespersons

- 47 Food Tradespersons
- 48 Amenity Horticultural Tradespersons
- 49 Miscellaneous Tradespersons
- 5 CLERKS**
- 51 Stenographers and Typists
- 52 Data Processing and Business Machine Operators
- 53 Numerical Clerks
- 54 Filing, Sorting and Copying Clerks
- 55 Material Recording and Despatching Clerks
- 56 Receptionists, Telephonists and Messengers
- 59 Miscellaneous Clerks
- 6 SALESPERSONS AND PERSONAL SERVICE WORKERS**
- 61 Investment, Insurance and Real Estate Salespersons
- 62 Sales Representatives
- 63 Sales Assistants
- 64 Tellers, Cashiers and Ticket Salespersons
- 65 Miscellaneous Salespersons
- 66 Personal Service Workers
- 7 PLANT AND MACHINE OPERATORS, AND DRIVERS**
- 71 Road and Rail Transport Drivers
- 72 Mobile Plant Operators (except Transport)
- 73 Stationary Plant Operators
- 74 Machine Operators
- 8 LABOURERS AND RELATED WORKERS**
- 81 Trades Assistants and Factory Hands
- 82 Agricultural Labourers and Related Workers
- 83 Cleaners
- 84 Construction and Mining Labourers
- 89 Miscellaneous Labourers and Related Workers

ASCO STRUCTURE

UNIT GROUPS

1	MANAGERS AND ADMINISTRATORS	2101	Chemists
		2103	Geologists and Geophysicists
11	LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS	2105	Physicists
1101	Parliamentarians, Councillors and Government Representatives	2107	Life Scientists
1103	Judges, Magistrates and Mediators	2109	Medical Testing Professionals
		2199	Other Natural Scientists
12	GENERAL MANAGERS	22	BUILDING PROFESSIONALS AND ENGINEERS
1201	General Managers	2201	Architects and Landscape Architects
13	SPECIALIST MANAGERS	2203	Quantity Surveyors
1301	Finance Managers	2205	Cartographers and Surveyors
1303	Sales and Marketing Managers	2207	Chemical Engineers
1305	Production Managers	2209	Civil Engineers
1307	Supply and Distribution Managers	2211	Electrical and Electronics Engineers
1309	Personnel and Industrial Relations Managers	2213	Mechanical Engineers
1311	Data Processing Managers	2215	Mining Engineers
1313	Public Policy Managers	2217	Metallurgists and Materials Scientists
1315	Directors of Nursing	2219	Other Engineers
1317	Education Managers	23	HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS
1319	Commissioned Officers (Management)	2301	General Medical Practitioners
1399	Other Specialist Managers	2303	Specialist Medical Practitioners
14	FARMERS AND FARM MANAGERS	2305	Dental Practitioners
1401	Farmers and Farm Managers	2307	Pharmacists
		2309	Occupational Therapists
15	MANAGING SUPERVISORS (SALES AND SERVICE)	2311	Optometrists
1501	Shop Managers	2313	Physiotherapists
1503	Restaurant and Catering Managing Supervisors	2315	Speech Pathologists
1505	Accommodation and Tavern Managing Supervisors	2317	Chiropractors and Osteopaths
1507	Financial Institution Branch Managers	2319	Podiatrists
1599	Other Managing Supervisors (Sales and Service)	2321	Radiographers
		2323	Veterinarians
		2399	Other Health Diagnosis and Treatment Practitioners
16	MANAGING SUPERVISORS (OTHER BUSINESS)	24	SCHOOL TEACHERS
1601	Managing Supervisors (Other Business)	2401	Pre-Primary School Teachers
		2403	Primary School Teachers
2	PROFESSIONALS	2405	Secondary School Teachers
		2407	Special Education Teachers
21	NATURAL SCIENTISTS		

UNIT GROUPS**ASCO STRUCTURE**

25	OTHER TEACHERS AND INSTRUCTORS	3	PARA-PROFESSIONALS
2501	University and CAE Teachers	31	MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS
2503	TAFE Teachers	3101	Medical Technical Officers and Technicians
2505	Extra-Systemic Teachers and Instructors	3103	Science Technical Officers and Technicians
26	SOCIAL PROFESSIONALS	32	ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS
2601	Social Workers	3201	Electrical and Electronic Engineering Associates and Technicians
2603	Counsellors	3203	Civil Engineering Associates and Technicians
2605	Lawyers	3205	Mechanical Engineering Associates and Technicians
2607	Ministers of Religion	3207	Building, Architectural and Surveying Associates and Technicians
27	BUSINESS PROFESSIONALS	3299	Other Engineering and Building Associates and Technicians
2701	Accountants	33	AIR AND SEA TRANSPORT TECHNICAL WORKERS
2703	Public Relations Officers	3301	Aircraft Pilots
2705	Personnel Specialists	3303	Air Transport Operating Support Workers
2707	Computing Professionals	3305	Ship's Pilots and Deck Officers
2799	Other Business Professionals	3307	Marine Engineers and Surveyors
28	ARTISTS AND RELATED PROFESSIONALS	34	REGISTERED NURSES
2801	Painters, Sculptors and Related Professionals	3401	Registered Nurses
2803	Photographers	35	POLICE
2805	Designers and Illustrators	3501	Police
2807	Journalists	39	MISCELLANEOUS PARA-PROFESSIONALS
2809	Authors and Related Professionals	3901	Welfare Para-Professionals
2811	Film, Television and Stage Directors	3903	Performing Arts Support Workers
2813	Dancers and Choreographers	3905	Inspectors and Regulatory Officers
2815	Musicians, Composers and Related Professionals	3907	Child Care Co-Ordinators
2817	Actors and Related Professionals	3909	Ambulance Officers
2819	Announcers	3911	Prison Officers
29	MISCELLANEOUS PROFESSIONALS	3913	Procurement Officers
2901	Economists	3915	Sportspersons and Related Workers
2903	Psychologists	3999	Other Para-Professionals
2905	Education Researchers and Related Professionals	4	TRADESPERSONS
2907	Other Social Scientists		
2909	Mathematicians, Statisticians and Actuaries		
2911	Librarians		
2999	Other Professionals		

ASCO STRUCTURE

UNIT GROUPS

41	METAL FITTING AND MACHINING TRADESPERSONS	4511	Screen Printers
4101	Toolmakers	46	VEHICLE TRADESPERSONS
4103	Metal Fitters and Machinists	4601	Vehicle Mechanics
42	OTHER METAL TRADESPERSONS	4603	Panel Beaters
4201	Forging Tradespersons	4605	Vehicle Painters
4203	Sheetmetal Tradespersons	4607	Vehicle Body Makers
4205	Structural Steel, Boilermaking and Welding Tradespersons	4609	Vehicle Trimmers
4207	Metal Casting Tradespersons	47	FOOD TRADESPERSONS
4209	Metal Finishing Tradespersons	4701	Meat Tradespersons
4211	Aircraft Maintenance Engineers	4703	Bakers and Pastrycooks
4213	Precision Metal Tradespersons	4705	Cooks
43	ELECTRICAL AND ELECTRONICS TRADESPERSONS	4799	Other Food Tradespersons
4301	Electrical Powerline Tradespersons	48	AMENITY HORTICULTURAL TRADESPERSONS
4303	Electrical Fitters	4801	Nurserymen/women
4305	Automotive Electricians	4803	Greenkeepers
4307	Refrigeration and Air-Conditioning Mechanics	4805	Gardeners
4309	Electrical Mechanics	49	MISCELLANEOUS TRADESPERSONS
4311	Communications Equipment Tradespersons	4901	Wood Machinists and Turners
4313	Radio and Television Servicers	4903	Cabinetmakers
4315	Office Equipment and Computer Servicers	4905	Other Wood Tradespersons
4399	Other Electrical and Electronics Tradespersons	4907	Marine Construction Tradespersons
44	BUILDING TRADESPERSONS	4909	Blasting Tradespersons
4401	Carpenters and Joiners	4911	Garment Tradespersons
4403	Bricklayers	4913	Upholsterers and Bedding Tradespersons
4405	Painters, Decorators and Signwriters	4915	Shoemaking and Repairing Tradespersons
4407	Plasterers	4917	Other Leather and Canvas Tradespersons
4409	Plumbers	4919	Floor Coverers
4411	Roof Slaters and Tilers	4921	Glass Tradespersons
4413	Wall and Floor Tilers	4923	Jewellery and Precious Metalware Tradespersons
45	PRINTING TRADESPERSONS	4925	Craftworkers
4501	Compositors	4927	Hairdressers
4503	Graphic Reproduction Tradespersons	4929	Sheep Shearers
4505	Printing Machinists	4931	Animal Trainers
4507	Binders and Finishers	4999	Other Tradespersons
4509	Stereotypers and Electrotypers	5	CLERKS

UNIT GROUPS**ASCO STRUCTURE**

51	STENOGRAPHERS AND TYPISTS
5101	Office Secretaries and Stenographers
5103	Typists and Typist-Clerks
5105	Word Processing Operators
52	DATA PROCESSING AND BUSINESS MACHINE OPERATORS
5201	Data Processing Machine Operators
5203	Business Machine Operators
53	NUMERICAL CLERKS
5301	Accounting Clerks
5303	Insurance and Broking Clerks
5305	Statistical and Actuarial Clerks
54	FILING, SORTING AND COPYING CLERKS
5401	Library and Filing Clerks
5403	Mail Sorters
5499	Other Filing, Sorting and Copying Clerks
55	MATERIAL RECORDING AND DESPATCHING CLERKS
5501	Production Recording Clerks
5503	Transport Recording and Despatching Clerks
5505	Stock and Purchasing Clerks
56	RECEPTIONISTS, TELEPHONISTS AND MESSENGERS
5601	Receptionists and Information Clerks
5603	Telephonists
5605	Messengers and Delivery Officers
59	MISCELLANEOUS CLERKS
5901	Collection Clerks
5903	Teachers' Aides
5905	Personnel Clerks
5907	Legal and Related Clerks
5909	Postal Clerks and Officers
5999	Other Clerks
6	SALESPERSONS AND PERSONAL SERVICE WORKERS

61	INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS
6101	Securities and Finance Dealers
6103	Insurance Brokers and Agents
6105	Real Estate Salespersons and Property Managers
6199	Other Investment, Insurance and Real Estate Salespersons
62	SALES REPRESENTATIVES
6201	Sales Representatives
63	SALES ASSISTANTS
6301	Sales Assistants
64	TELLERS, CASHIERS AND TICKET SALESPERSONS
6401	Tellers
6403	Cashiers
6405	Ticket Salespersons
65	MISCELLANEOUS SALESPERSONS
6501	Street Vendors, Canvassers and Sales Drivers
6503	Bar Attendants
6505	Waiters and Waitresses
6507	Travel Agents
6599	Other Salespersons
66	PERSONAL SERVICE WORKERS
6601	Child Care, Refuge and Related Workers
6603	Enrolled Nurses
6605	Dental Nurses
6607	Home Companions and Aides
6609	Travel Stewards
6699	Other Personal Service Workers
7	PLANT AND MACHINE OPERATORS, AND DRIVERS
71	ROAD AND RAIL TRANSPORT DRIVERS
7101	Bus and Tram Drivers
7103	Automobile Drivers
7105	Truck Drivers
7107	Locomotive Drivers

ASCO STRUCTURE

UNIT GROUPS

72	MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)	7425	Fabric Production Machine Operators
7201	Excavating and Earthmoving Plant Operators	7427	Textile Sewing Machinists
7203	Forklift and Related Drivers	7429	Shoemaking Machine Operators
7205	Logging Plant Operators	7431	Food Processing Machine Operators
7207	Paving and Surfacing Plant Operators	7433	Packaging Machine Operators
7209	Agricultural Plant Operators	7435	Photographic Products Machine Operators
7211	Fire Fighters	7499	Other Machine Operators
7299	Other Mobile Plant Operators (except Transport)	8	LABOURERS AND RELATED WORKERS
73	STATIONARY PLANT OPERATORS	81	TRADES ASSISTANTS AND FACTORY HANDS
7301	Power Generation Plant Operators	8101	Trades Assistants
7303	Engine and Boiler Operators (except Power Generation)	8103	Assemblers
7305	Chemical Plant Operators	8105	Hand Packers
7307	Petroleum and Gas Plant Operators	8107	Industrial Spray Painters
7309	Bulk Materials Handling Plant Operators	8109	Quality Controllers
7311	Crane Operators	8199	Other Trades Assistants and Factory Hands
7313	Hoist, Winch and Lift Operators	82	AGRICULTURAL LABOURERS AND RELATED WORKERS
7315	Furnace and Kiln Operators	8201	Farm Hands and Assistants
7317	Drilling Plant Operators	8203	Forestry Labourers
7399	Other Stationary Plant Operators	8205	Nursery and Garden Labourers
74	MACHINE OPERATORS	8299	Other Agricultural Labourers and Related Workers
7401	Basic Metal Products Machine Operators	83	CLEANERS
7403	Metal Press Operators	8301	Cleaners
7405	Other Metal Products Machine Operators	84	CONSTRUCTION AND MINING LABOURERS
7407	Plastics Production Machine Operators	8401	Installation Workers
7409	Rubber Production Machine Operators	8403	Concrete Workers
7411	Chemical Production Machine Operators	8405	Structural Steel and Related Construction Labourers
7413	Wood Processing Machine Operators	8407	Earthmoving Labourers
7415	Paper and Paper Products Machine Operators	8409	Paving and Surfacing Labourers
7417	Glass Production Machine Operators	8411	Survey Hands
7419	Clay and Stone Processing Machine Operators	8413	Railway Labourers
7421	Yarn Production Machine Operators	8415	Mining and Mineral Ore Treating Labourers
7423	Hide and Skin Processing Machine Operators	8499	Other Construction and Mining Labourers

UNIT GROUPS

ASCO STRUCTURE

89	MISCELLANEOUS LABOURERS AND RELATED WORKERS
8901	Ushers and Door Attendants
8903	Luggage Porters
8905	Garbage Collectors
8907	Storemen/women
8909	Freight and Furniture Handlers
8911	Guards and Security Officers
8913	Caretakers
8915	Housekeepers
8917	Laundry Workers
8919	Kitchenhands
8921	Ward Helpers
8923	Vehicle Accessories Fitters
8925	Fishermen/women, Deckhands and Seamen/women
8999	Other Labourers and Related Workers

1 MANAGERS AND ADMINISTRATORS

11 LEGISLATORS AND GOVERNMENT APPOINTED OFFICIALS

1101 PARLIAMENTARIANS, COUNCILLORS AND GOVERNMENT REPRESENTATIVES

1101-11 Member of Parliament
 1101-99 Parliamentarians, Councillors and Government Representatives nec

1103 JUDGES, MAGISTRATES AND MEDIATORS

1103-11 Coroner
 1103-13 Judge
 1103-15 Magistrate
 1103-17 Administrative Appeals Tribunal Member
 1103-19 Industrial Tribunal Member

12 GENERAL MANAGERS

1201 GENERAL MANAGERS

1201-11 General Manager

13 SPECIALIST MANAGERS

1301 FINANCE MANAGERS

1301-11 Finance Manager

1303 SALES AND MARKETING MANAGERS

1303-11 Sales and Marketing Manager

1305 PRODUCTION MANAGERS

1305-11 Production Manager (Manufacturing and Mining)
 1305-13 Producer (Media)

1307 SUPPLY AND DISTRIBUTION MANAGERS

1307-11 Supply and Distribution Manager

1309 PERSONNEL AND INDUSTRIAL RELATIONS MANAGERS

1309-11 Personnel and Industrial Relations Manager

1311 DATA PROCESSING MANAGERS

1311-11 Data Processing Manager

1313 PUBLIC POLICY MANAGERS

1313-11 Public Policy Manager

1315 DIRECTORS OF NURSING

1315-11 Director of Nursing

1317 EDUCATION MANAGERS

1317-11 School Principal
 1317-99 Education Managers nec

1319 COMMISSIONED OFFICERS (MANAGEMENT)

1319-11 Commissioned Police Officer
 1319-13 Commissioned Fire Officer
 1319-15 Commissioned Defence Force Officer (Management)
 1319-91 Trainee Officer (Defence Forces)

1399 OTHER SPECIALIST MANAGERS

1399-11 Engineering Manager
 1399-13 Research Manager
 1399-99 Specialist Managers nec

14 FARMERS AND FARM MANAGERS

1401 FARMERS AND FARM MANAGERS

1401-11 Grain, Oilseed and Pasture Grower
 1401-13 Sugar Cane Grower
 1401-15 Tobacco Grower
 1401-17 Beef Cattle Farmer
 1401-19 Dairy Farmer
 1401-21 Sheep Farmer
 1401-23 Pig Farmer

OCCUPATIONS

ASCO STRUCTURE

1401-25 Poultry Farmer
 1401-27 Horse Breeder
 1401-29 Mixed Farmer
 1401-31 Fruit and Nut Grower
 1401-33 Vegetable Grower
 1401-35 Apiarist
 1401-91 Trainee Farmer
 1401-99 Farmers and Farm Managers nec

15 MANAGING SUPERVISORS (SALES AND SERVICE)

1501 SHOP MANAGERS

1501-11 Shop Manager

1503 RESTAURANT AND CATERING MANAGING SUPERVISORS

1503-11 Restaurant and Catering Managing Supervisor

1505 ACCOMMODATION AND TAVERN MANAGING SUPERVISORS

1505-11 Hotel/Motel Manager
 1505-13 Caravan Park Manager
 1505-99 Accommodation and Tavern Managing Supervisors nec

1507 FINANCIAL INSTITUTION BRANCH MANAGERS

1507-11 Financial Institution Branch Manager

1599 OTHER MANAGING SUPERVISORS (SALES AND SERVICE)

1599-11 Hairdressing Establishment Managing Supervisor
 1599-13 Sports Centre Manager
 1599-15 Postmaster/mistress
 1599-17 Real Estate Agency Manager
 1599-19 Bookmaker
 1599-21 Railway Station Master/Mistress
 1599-99 Managing Supervisors (Sales and Service) nec

16 MANAGING SUPERVISORS (OTHER BUSINESS)

1601 MANAGING SUPERVISORS (OTHER BUSINESS)

1601-11 Importer-Exporter
 1601-13 Professional Builder
 1601-15 Building Contractor
 1601-17 Wholesaler
 1601-19 Manufacturer
 1601-99 Managing Supervisors (Other Business) nec

2 PROFESSIONALS

21 NATURAL SCIENTISTS

2101 CHEMISTS

2101-11 Chemist

2103 GEOLOGISTS AND GEOPHYSICISTS

2103-11 Geologist

2103-13 Geophysicist

2105 PHYSICISTS

2105-11 Physicist

2107 LIFE SCIENTISTS

2107-11 Anatomist

2107-13 Physiologist

2107-15 Biochemist

2107-17 Biophysicist

2107-19 Botanist

2107-21 Ecologist

2107-23 Zoologist

2107-25 Forester

2107-27 Agricultural Extension Officer

2107-99 Life Scientists nec

2109 MEDICAL TESTING PROFESSIONALS

2109-11 Medical Laboratory Scientist

2109-13 Clinical Physical Scientist

2199 OTHER NATURAL SCIENTISTS

2199-11 Environmental Scientist

2199-13 Soil Scientist

2199-15 Meteorologist

22 BUILDING PROFESSIONALS AND ENGINEERS

2201 ARCHITECTS AND LANDSCAPE ARCHITECTS

2201-11 Architect

2201-13 Landscape Architect

2203 QUANTITY SURVEYORS

2203-11 Quantity Surveyor

2205 CARTOGRAPHERS AND SURVEYORS

2205-11 Cartographer

2205-13 Surveyor

2207 CHEMICAL ENGINEERS

2207-11 Chemical Engineer

2209 CIVIL ENGINEERS

2209-11 Civil Engineer

2211 ELECTRICAL AND ELECTRONICS ENGINEERS

2211-11 Electrical Engineer

2211-13 Electronics Engineer

2213 MECHANICAL ENGINEERS

2213-11 Mechanical Engineer

2215 MINING ENGINEERS

2215-11 Mining Engineer (except Petroleum)

2215-13 Petroleum Engineer

2217 METALLURGISTS AND MATERIALS SCIENTISTS

2217-11 Extractive Metallurgist

2217-13 Physical Metallurgist

2217-15 Materials Engineer

2217-17 Materials Scientist

2219 OTHER ENGINEERS

2219-11 Aeronautical Engineer

2219-13 Agricultural Engineer

2219-15 Naval Architect

2219-17 Industrial Engineer

2219-99 Engineers nec

OCCUPATIONS**ASCO STRUCTURE****23 HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS****2301 GENERAL MEDICAL PRACTITIONERS**

2301-11 General Medical Practitioner

2303 SPECIALIST MEDICAL PRACTITIONERS

2303-11 Anaesthetist

2303-13 Cardiologist

2303-15 Obstetrician and Gynaecologist

2303-17 Ophthalmologist

2303-19 Orthopaedic Specialist

2303-21 Psychiatrist

2303-23 Radiologist

2303-25 Paediatrician

2303-27 Thoracic Specialist

2303-29 Dermatologist

2303-31 Otorhinolaryngologist

2303-33 Urologist

2303-35 Surgeon

2303-37 Pathologist

2303-39 Specialist in Rehabilitation Medicine

2303-41 Specialist Physician

2303-99 Specialist Medical Practitioners nec

2305 DENTAL PRACTITIONERS

2305-11 Dentist

2305-13 Dental Specialist

2307 PHARMACISTS

2307-11 Hospital Pharmacist

2307-13 Industrial Pharmacist

2307-15 Retail Pharmacist

2309 OCCUPATIONAL THERAPISTS

2309-11 Occupational Therapist

2311 OPTOMETRISTS

2311-11 Optometrist

2313 PHYSIOTHERAPISTS

2313-11 Physiotherapist

2315 SPEECH PATHOLOGISTS

2315-11 Speech Pathologist

2317 CHIROPRACTORS AND OSTEOPATHS

2317-11 Chiropractor

2317-13 Osteopath

2319 PODIATRISTS

2319-11 Podiatrist

2321 RADIOGRAPHERS

2321-11 Medical Diagnostic Radiographer

2321-13 Medical Therapeutic Radiographer

2321-15 Nuclear Medicine Technologist

2323 VETERINARIANS

2323-11 Veterinarian

2399 OTHER HEALTH DIAGNOSIS AND TREATMENT PRACTITIONERS

2399-11 Audiologist

2399-13 Dietitian

2399-15 Orthoptist

2399-99 Health Diagnosis and Treatment Practitioners nec

24 SCHOOL TEACHERS**2401 PRE-PRIMARY SCHOOL TEACHERS**

2401-11 Pre-Primary School Teacher

2403 PRIMARY SCHOOL TEACHERS

2403-01 Senior Teacher, Infant-Primary School

2403-11 Primary School Teacher

2405 SECONDARY SCHOOL TEACHERS

ASCO STRUCTURE

2405-01	Senior Teacher, Secondary School
2405-11	Secondary School Teacher
2407	SPECIAL EDUCATION TEACHERS
2407-11	Resource Teacher
2407-13	Teacher of Disabled or Gifted Students
2407-99	Special Education Teachers nec
25	OTHER TEACHERS AND INSTRUCTORS
2501	UNIVERSITY AND CAE TEACHERS
2501-11	University or CAE Lecturer
2501-13	University or CAE Tutor
2503	TAFE TEACHERS
2503-01	Head of School (TAFE)
2503-11	TAFE Teacher (Trades)
2503-13	TAFE Teacher (General Education)
2505	EXTRA-SYSTEMIC TEACHERS AND INSTRUCTORS
2505-11	Art Teacher (Private)
2505-13	Music Teacher (Private)
2505-15	Dance Teacher (Private)
2505-17	Drama Teacher (Private)
2505-19	Driving Instructor
2505-21	Flying Instructor
2505-23	Ground School Instructor
2505-25	Nurse Educator
2505-99	Extra-Systemic Teachers and Instructors nec
26	SOCIAL PROFESSIONALS
2601	SOCIAL WORKERS
2601-11	Social Planner and Administrator
2601-13	Community Social Worker
2601-15	Social Case Worker
2603	COUNSELLORS

OCCUPATIONS

2603-11	Rehabilitation Counsellor
2603-13	Marriage Counsellor
2603-15	Family Court Counsellor
2603-17	Careers Counsellor and Adviser
2603-99	Counsellors nec
2605	LAWYERS
2605-11	Barrister
2605-13	Solicitor
2605-91	Articled Clerk
2605-99	Lawyers nec
2607	MINISTERS OF RELIGION
2607-11	Minister of Religion
27	BUSINESS PROFESSIONALS
2701	ACCOUNTANTS
2701-11	Accountant
2701-91	Trainee Accountant
2703	PUBLIC RELATIONS OFFICERS
2703-11	Public Relations Officer
2705	PERSONNEL SPECIALISTS
2705-11	Personnel Officer
2705-13	Training Officer
2705-15	Staff Development Officer
2707	COMPUTING PROFESSIONALS
2707-11	Applications Programmer
2707-13	Systems Programmer
2707-15	Analyst Programmer
2707-17	Computer Systems Analyst
2707-19	Software Engineer
2707-21	Database Administrator
2707-23	Computer Scientist
2707-25	EDP Auditor

OCCUPATIONS**ASCO STRUCTURE**

2799	OTHER BUSINESS PROFESSIONALS	2811-11	Art Director (Television, Film or Stage)
2799-11	Medical Record Administrator	2811-13	Casting Director
2799-13	Industrial Relations Officer	2811-15	Director (Film or Stage)
2799-15	Organisation and Methods Analyst	2811-17	Director of Photography
2799-99	Business Professionals nec	2811-19	Film Editor
28	ARTISTS AND RELATED PROFESSIONALS	2811-21	Stage Manager
2801	PAINTERS, SCULPTORS AND RELATED PROFESSIONALS	2811-23	Director (Radio or Television)
2801-11	Painter (Artistic)	2811-25	Technical Producer
2801-13	Sculptor	2813	DANCERS AND CHOREOGRAPHERS
2801-99	Painters, Sculptors and Related Professionals nec	2813-11	Choreographer
2803	PHOTOGRAPHERS	2813-13	Dancer
2803-11	Photographer	2815	MUSICIANS, COMPOSERS AND RELATED PROFESSIONALS
2805	DESIGNERS AND ILLUSTRATORS	2815-11	Music Director
2805-11	Fashion Designer	2815-13	Concert and Opera Singer
2805-13	Graphic Designer	2815-15	Popular Singer
2805-15	Industrial Designer	2815-17	Instrumental Musician
2805-17	Interior Designer	2815-19	Composer
2805-19	Illustrator	2815-99	Musicians, Composers and Related Professionals nec
2807	JOURNALISTS	2817	ACTORS AND RELATED PROFESSIONALS
2807-01	Associate Editor	2817-11	Actor
2807-11	Sub-editor	2817-13	Variety Artist
2807-13	Reporter	2817-99	Actors and Related Professionals nec
2807-15	Copy-writer	2819	ANNOUNCERS
2807-91	Cadet Journalist	2819-11	Announcer
2807-99	Journalists nec	29	MISCELLANEOUS PROFESSIONALS
2809	AUTHORS AND RELATED PROFESSIONALS	2901	ECONOMISTS
2809-11	Author	2901-11	Economist
2809-13	Book Editor	2903	PSYCHOLOGISTS
2809-15	Script Editor	2903-11	Clinical Psychologist
2811	FILM, TELEVISION AND STAGE DIRECTORS	2903-13	Educational Psychologist

ASCO STRUCTURE**OCCUPATIONS**

2903-15	Occupational Psychologist
2905	EDUCATION RESEARCHERS AND RELATED PROFESSIONALS
2905-11	Curriculum Development Officer
2905-13	Education Officer
2907	OTHER SOCIAL SCIENTISTS
2907-11	Urban and Regional Planner
2907-13	Geographer
2907-15	Historian
2907-99	Social Scientists nec
2909	MATHEMATICIANS, STATISTICIANS AND ACTUARIES
2909-11	Mathematician
2909-13	Statistician
2909-15	Actuary
2911	LIBRARIANS
2911-11	Librarian
2999	OTHER PROFESSIONALS
2999-11	Conservator
2999-13	Archivist
2999-15	Research Workers nec
2999-17	Recreation Officer
2999-19	Interpreter
2999-21	Translator
2999-23	Intelligence Officer
2999-99	Professionals nec

ASCO STRUCTURE

OCCUPATIONS

3 PARA-PROFESSIONALS

31 MEDICAL AND SCIENCE TECHNICAL OFFICERS AND TECHNICIANS

3101 MEDICAL TECHNICAL OFFICERS AND TECHNICIANS

- 3101-11 Medical Laboratory Technical Officer
- 3101-13 Medical Laboratory Technician
- 3101-15 Dental Therapist
- 3101-99 Medical Technical Officers and Technicians nec

3103 SCIENCE TECHNICAL OFFICERS AND TECHNICIANS

- 3103-11 Chemistry Technical Officer
- 3103-13 Chemistry Technician
- 3103-15 Earth Science Technical Officer
- 3103-17 Earth Science Technician
- 3103-19 Physics Technical Officer
- 3103-21 Physics Technician
- 3103-23 Textiles Technical Officer
- 3103-25 Life Science Technical Officer
- 3103-27 Life Science Technician
- 3103-29 Agricultural Technical Officer
- 3103-31 Agricultural Technician

32 ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS

3201 ELECTRICAL AND ELECTRONIC ENGINEERING ASSOCIATES AND TECHNICIANS

- 3201-11 Electrical Engineering Associate
- 3201-13 Electrical Engineering Technician
- 3201-15 Electronics Engineering Associate
- 3201-17 Electronics Engineering Technician

3203 CIVIL ENGINEERING ASSOCIATES AND TECHNICIANS

- 3203-11 Civil Engineering Associate

- 3203-13 Civil Engineering Technician

3205 MECHANICAL ENGINEERING ASSOCIATES AND TECHNICIANS

- 3205-11 Mechanical Engineering Associate
- 3205-13 Mechanical Engineering Technician

3207 BUILDING, ARCHITECTURAL AND SURVEYING ASSOCIATES AND TECHNICIANS

- 3207-11 Building Technician
- 3207-13 Architectural Associate
- 3207-15 Surveying Associate

3299 OTHER ENGINEERING AND BUILDING ASSOCIATES AND TECHNICIANS

- 3299-11 Metallurgical Technician
- 3299-99 Engineering and Building Associates and Technicians nec

33 AIR AND SEA TRANSPORT TECHNICAL WORKERS

3301 AIRCRAFT PILOTS

- 3301-11 Aircraft Pilot

3303 AIR TRANSPORT OPERATING SUPPORT WORKERS

- 3303-11 Air Traffic Controller
- 3303-13 Flight Service Officer
- 3303-15 Flight Engineer
- 3303-17 Airways Surveyor
- 3303-19 Airworthiness Surveyor
- 3303-21 Examiner of Flightcrew
- 3303-23 Aircraft Navigator
- 3303-25 Aircraft Crewman/woman (Military and Rescue)
- 3303-27 Loadmaster
- 3303-91 Trainee Air Traffic Controller
- 3303-93 Trainee Flight Service Officer
- 3303-99 Air Transport Operating Support Workers nec

OCCUPATIONS**ASCO STRUCTURE****3305 SHIP'S PILOTS AND DECK OFFICERS**

3305-11 Ship's Captain
 3305-13 Ship's Officer
 3305-15 Master Fisherman/woman
 3305-91 Cadet Deck Officer

3307 MARINE ENGINEERS AND SURVEYORS

3307-11 Marine Engineer
 3307-13 Marine Engineer Surveyor
 3307-15 Marine Surveyor
 3307-91 Trainee Marine Engineer

34 REGISTERED NURSES**3401 REGISTERED NURSES**

3401-01 Nursing Supervisor
 3401-11 Registered General Nurse
 3401-13 Registered Community Health Nurse
 3401-15 Registered Midwife
 3401-17 Registered Mental Retardation Nurse
 3401-19 Registered Psychiatric Nurse
 3401-91 Student Registered Nurse
 3401-99 Registered Nurses nec

35 POLICE**3501 POLICE**

3501-01 Police Supervisor
 3501-11 Policeman/woman
 3501-13 Detective

39 MISCELLANEOUS PARA-PROFESSIONALS**3901 WELFARE PARA-PROFESSIONALS**

3901-11 Community Worker
 3901-13 Parole Officer
 3901-15 Welfare Officer
 3901-17 Youth Worker

3903 PERFORMING ARTS SUPPORT WORKERS

3903-01 Supervisor, Performing Arts Support Workers
 3903-11 Sound Technician
 3903-13 Motion Picture Camera Operator
 3903-15 Television Equipment Operator
 3903-17 Broadcast Transmitter Operator
 3903-19 Light Technician
 3903-99 Performing Arts Support Workers nec

3905 INSPECTORS AND REGULATORY OFFICERS

3905-01 Supervisor, Inspectors and Regulatory Officers
 3905-11 Building Inspector
 3905-13 Safety Inspector
 3905-15 Primary Products Inspector
 3905-17 Train Examiner
 3905-19 Customs Investigator
 3905-21 Health Inspector
 3905-23 Arbitration Inspector
 3905-25 Water Usage Inspector
 3905-27 Corporate Safety Officer
 3905-29 Insurance Assessor (except Health)
 3905-31 Traffic Inspector
 3905-99 Inspectors and Regulatory Officers nec

3907 CHILD CARE CO-ORDINATORS

3907-11 Child Care Co-ordinator

3909 AMBULANCE OFFICERS

3909-11 Ambulance Officer

3911 PRISON OFFICERS

3911-01 Chief Prison Officer
 3911-11 Prison Officer

3913 PROCUREMENT OFFICERS

ASCO STRUCTURE**OCCUPATIONS**

3913-11	Purchasing Officer
3913-13	Commodities Buyer
3913-15	Retail Buyer
3915	SPORTSPERSONS AND RELATED WORKERS
3915-11	Coach (Sport)
3915-13	Jockey
3915-15	Other Sportspersons
3915-17	Racecourse Official
3915-19	Referee
3915-91	Apprentice Jockey
3999	OTHER PARA-PROFESSIONALS
3999-01	Supervisor, Other Para-Professionals
3999-11	Radio Telegraphist
3999-13	Museum and Art Gallery Technician
3999-15	Library Technician
3999-17	Layout Artist
3999-19	Window Dresser
3999-21	Interior Decorator
3999-23	Photographic Studio Assistant
3999-25	Photograph Retoucher
3999-27	Forms Analyst and Designer
3999-29	Credit and Loans Analyst
3999-31	Park Ranger
3999-33	Military Disciplinary Supervisor
3999-35	Wool Classer
3999-37	Hide and Skin Classer
3999-99	Para-Professionals nec

4 TRADESPERSONS

41 METAL FITTING AND MACHINING TRADESPERSONS

4101 TOOLMAKERS

- 4101-01 Supervisor, Toolmakers
- 4101-11 Toolmaker
- 4101-91 Apprentice Toolmaker

4103 METAL FITTERS AND MACHINISTS

- 4103-01 Supervisor, Metal Fitters and Machinists
- 4103-11 Fitter
- 4103-13 Metal Machinist (First Class)
- 4103-15 Textile Mechanic
- 4103-17 Die Setter
- 4103-19 Metal Machinist (Second Class)
- 4103-21 Metal Machinist (Third Class)
- 4103-91 Apprentice Metal Fitter and Machinist

42 OTHER METAL TRADESPERSONS

4201 FORGING TRADESPERSONS

- 4201-01 Supervisor, Forging Tradespersons
- 4201-11 Blacksmith
- 4201-13 Farrier
- 4201-91 Apprentice Forging Tradesperson

4203 SHEETMETAL TRADESPERSONS

- 4203-01 Supervisor, Sheetmetal Tradespersons
- 4203-11 Sheetmetal Worker (First Class)
- 4203-13 Coppersmith
- 4203-15 Metal Spinner
- 4203-17 Sheetmetal Worker (Second Class)
- 4203-91 Apprentice Sheetmetal Tradesperson

4205 STRUCTURAL STEEL, BOILERMAKING AND WELDING TRADESPERSONS

- 4205-01 Supervisor, Structural Steel, Boilermaking and Welding Tradespersons
- 4205-11 Metal Fabricator
- 4205-13 Structural Steel Tradesperson
- 4205-15 Pressure Welder
- 4205-17 Welder (First Class)
- 4205-19 Welder (Second Class)
- 4205-21 Welder (Third Class)
- 4205-91 Apprentice Structural Steel, Boilermaking and Welding Tradesperson

4207 METAL CASTING TRADESPERSONS

- 4207-01 Supervisor, Metal Casting Tradespersons
- 4207-11 Metal Casting Patternmaker
- 4207-13 Moulder and Coremaker
- 4207-91 Apprentice Metal Casting Tradesperson

4209 METAL FINISHING TRADESPERSONS

- 4209-01 Supervisor, Metal Finishing Tradespersons
- 4209-11 Metal Polisher
- 4209-13 Electroplater (First Class)
- 4209-15 Electroplater (Second Class)
- 4209-17 Electroplater (Third Class)
- 4209-91 Apprentice Metal Finishing Tradesperson

4211 AIRCRAFT MAINTENANCE ENGINEERS

- 4211-01 Supervisor, Aircraft Maintenance Engineers
- 4211-11 Aircraft Maintenance Engineer (Engines)
- 4211-13 Aircraft Maintenance Engineer (Airframes)
- 4211-15 Aircraft Maintenance Engineer (Electrical)
- 4211-17 Aircraft Maintenance Engineer (Radio)

OCCUPATIONS

ASCO STRUCTURE

4211-19	Aircraft Maintenance Engineer (Instruments)	4307-01	Supervisor, Refrigeration and Air-Conditioning Mechanics
4211-91	Apprentice Aircraft Maintenance Engineer	4307-11	Air-Conditioning Mechanic
		4307-13	Refrigeration Mechanic
4213	PRECISION METAL TRADESPERSONS	4307-91	Apprentice Refrigeration and Air-Conditioning Mechanic
4213-01	Supervisor, Precision Metal Tradespersons	4309	ELECTRICAL MECHANICS
4213-11	Precision Instrument Maker and Repairer	4309-01	Supervisor, Electrical Mechanics
4213-13	Watch and Clock Maker and Repairer	4309-11	Electrical Mechanic
4213-15	Locksmith	4309-13	Electrician (Special Class)
4213-17	Saw Maker and Repairer	4309-91	Apprentice Electrical Mechanic
4213-19	Gunsmith	4311	COMMUNICATIONS EQUIPMENT TRADESPERSONS
4213-21	Engraver	4311-01	Supervisor, Communications Equipment Tradespersons
4213-91	Apprentice Precision Metal Tradesperson	4311-11	Broadcasting Tradesperson
43	ELECTRICAL AND ELECTRONICS TRADESPERSONS	4311-13	Telecommunications Tradesperson
4301	ELECTRICAL POWERLINE TRADESPERSONS	4311-15	Telecommunications Line Serviceman/woman
4301-01	Supervisor, Electrical Powerline Tradespersons	4311-91	Trainee Communications Equipment Tradesperson
4301-11	Electrical Linesman/woman	4311-99	Communications Equipment Tradespersons nec
4301-13	Electrical Cable Joints	4313	RADIO AND TELEVISION SERVICERS
4301-91	Apprentice Electrical Powerline Tradesperson	4313-01	Supervisor, Radio and Television Servicers
4303	ELECTRICAL FITTERS	4313-11	Radio and Television Servicer
4303-01	Supervisor, Electrical Fitters	4313-91	Apprentice Radio and Television Servicer
4303-11	Electrical Equipment Fitter	4315	OFFICE EQUIPMENT AND COMPUTER SERVICERS
4303-13	Electrical Appliance Servicer	4315-01	Supervisor, Office Equipment and Computer Servicers
4303-91	Apprentice Electrical Fitter	4315-11	Office Equipment Servicer
4305	AUTOMOTIVE ELECTRICIANS	4315-13	Computer Servicer
4305-01	Supervisor, Automotive Electricians	4315-91	Trainee Office Equipment and Computer Servicer
4305-11	Automotive Electrician	4399	OTHER ELECTRICAL AND ELECTRONICS TRADESPERSONS
4305-91	Apprentice Automotive Electrician	4399-01	Supervisor, Other Electrical and Electronics Tradespersons
4307	REFRIGERATION AND AIR-CONDITIONING MECHANICS		

ASCO STRUCTURE**OCCUPATIONS**

4399-11 Lift Mechanic
 4399-13 Vending Machine Servicer
 4399-99 Electrical and Electronics
 Tradespersons nec

44 BUILDING TRADESPERSONS**4401 CARPENTERS AND JOINERS**

4401-01 Supervisor, Carpenters and Joiners
 4401-11 Carpenter
 4401-13 Joiner
 4401-91 Apprentice Carpenter and Joiner

4403 BRICKLAYERS

4403-01 Supervisor, Bricklayers
 4403-11 Bricklayer
 4403-91 Apprentice Bricklayer

4405 PAINTERS, DECORATORS AND SIGNWRITERS

4405-01 Supervisor, Painters, Decorators and Signwriters
 4405-11 Painter and Decorator
 4405-13 Paperhanger
 4405-15 Signwriter
 4405-91 Apprentice Painter, Decorator and Signwriter

4407 PLASTERERS

4407-01 Supervisor, Plasterers
 4407-11 Solid Plasterer
 4407-13 Fibrous Plasterer
 4407-91 Apprentice Plasterer

4409 PLUMBERS

4409-01 Supervisor, Plumbers
 4409-11 Plumber (General)
 4409-13 Gasfitter
 4409-15 Drainer
 4409-91 Apprentice Plumber

4411 ROOF SLATERS AND TILERS

4411-01 Supervisor, Roof Slaters and Tilers
 4411-11 Roof Slater and Tiler
 4411-91 Apprentice Roof Slater and Tiler

4413 WALL AND FLOOR TILERS

4413-01 Supervisor, Wall and Floor Tilers
 4413-11 Wall and Floor Tiler
 4413-91 Apprentice Wall and Floor Tiler

45 PRINTING TRADESPERSONS**4501 COMPOSITORS**

4501-01 Supervisor, Compositors
 4501-11 Compositor
 4501-91 Apprentice Compositor

4503 GRAPHIC REPRODUCTION TRADESPERSONS

4503-01 Supervisor, Graphic Reproduction Tradespersons
 4503-11 Plate Preparer (Printing)
 4503-13 Cylinder Preparer (Printing)
 4503-15 Image Preparer (Printing)
 4503-91 Apprentice Graphic Reproduction Tradesperson

4505 PRINTING MACHINISTS

4505-01 Supervisor, Printing Machinists
 4505-11 Letterpress Printing Machinist
 4505-13 Lithographic Printing Machinist
 4505-15 Flexographic or Gravure Printing Machinist
 4505-17 Newspaper Press Machinist (Metropolitan)
 4505-19 Small Offset Printing Machinist
 4505-91 Apprentice Printing Machinist

4507 BINDERS AND FINISHERS

4507-01 Supervisor, Binders and Finishers
 4507-11 Binder and Finisher

OCCUPATIONS**ASCO STRUCTURE**

4507-91 Apprentice Binder and Finisher

4509 STEREOTYPERS AND ELECTROTYPERS

4509-01 Supervisor, Stereotypers and Electrotypers

4509-11 Stereotyper and Electrotyper

4509-91 Apprentice Stereotyper and Electrotyper

4511 SCREEN PRINTERS

4511-01 Supervisor, Screen Printers

4511-11 Screen Printer

4511-91 Apprentice Screen Printer

46 VEHICLE TRADESPERSONS**4601 VEHICLE MECHANICS**

4601-01 Supervisor, Vehicle Mechanics

4601-11 Motor Mechanic

4601-13 Small Engine Mechanic

4601-91 Apprentice Motor Mechanic

4603 PANEL BEATERS

4603-01 Supervisor, Panel Beaters

4603-11 Panel Beater

4603-91 Apprentice Panel Beater

4605 VEHICLE PAINTERS

4605-01 Supervisor, Vehicle Painters

4605-11 Vehicle Painter

4605-91 Apprentice Vehicle Painter

4607 VEHICLE BODY MAKERS

4607-01 Supervisor, Vehicle Body Makers

4607-11 Vehicle Body Maker

4607-91 Apprentice Vehicle Body Maker

4609 VEHICLE TRIMMERS

4609-01 Supervisor, Vehicle Trimmers

4609-11 Vehicle Trimmer

4609-91 Apprentice Vehicle Trimmer

47 FOOD TRADESPERSONS**4701 MEAT TRADESPERSONS**

4701-01 Supervisor, Meat Tradespersons

4701-11 Butcher

4701-13 Smallgoods Maker

4701-15 Slaughterman/woman

4701-91 Apprentice Meat Tradesperson

4703 BAKERS AND PASTRYCOOKS

4703-01 Supervisor, Bakers and Pastrycooks

4703-11 Pastrycook

4703-13 Baker

4703-15 Biscuit Maker

4703-91 Apprentice Baker and Pastrycook

4705 COOKS

4705-01 Supervisor, Cooks

4705-11 Chef

4705-13 Qualified Cook

4705-91 Apprentice Cook

4705-99 Cooks nec

4799 OTHER FOOD TRADESPERSONS

4799-01 Supervisor, Other Food Tradespersons

4799-11 Miller

4799-13 Buttermaker

4799-15 Cheesemaker

4799-17 Confectioner

4799-91 Apprentice, Other Food Trades

4799-93 Trainee Miller

48 AMENITY HORTICULTURAL TRADESPERSONS**4801 NURSERYMEN/WOMEN**

4801-01 Supervisor, Nurserymen/women

ASCO STRUCTURE

OCCUPATIONS

4801-11 Nurseryman/woman
 4801-91 Apprentice Nurseryman/woman

4803 GREENKEEPERS

4803-01 Head Greenkeeper
 4803-11 Greenkeeper
 4803-91 Apprentice Greenkeeper

4805 GARDENERS

4805-01 Head Gardener
 4805-11 Gardener (General)
 4805-13 Landscape Gardener
 4805-15 Tree Surgeon
 4805-91 Apprentice Gardener

49 MISCELLANEOUS TRADESPERSONS

4901 WOOD MACHINISTS AND TURNERS

4901-01 Supervisor, Wood Machinists and Turners
 4901-11 Wood Machinist (A-Grade)
 4901-13 Wood Turner
 4901-15 Wood Machinist (B-Grade)
 4901-17 Wood Machinist (C-Grade)
 4901-91 Apprentice Wood Machinist
 4901-93 Apprentice Wood Turner

4903 CABINETMAKERS

4903-01 Supervisor, Cabinetmakers
 4903-11 Cabinetmaker
 4903-91 Apprentice Cabinetmaker

4905 OTHER WOOD TRADESPERSONS

4905-01 Supervisor, Other Wood Tradespersons
 4905-11 Wood Carver
 4905-13 Picture Framer
 4905-15 Cooper
 4905-17 Cane Furniture Maker

4905-19 Furniture Finisher
 4905-21 Model Maker
 4905-91 Apprentice, Other Wood Trades

4907 MARINE CONSTRUCTION TRADESPERSONS

4907-01 Supervisor, Marine Construction Tradespersons
 4907-11 Shipwright
 4907-13 Boat Builder and Repairer
 4907-91 Apprentice Marine Construction Tradesperson

4909 BLASTING TRADESPERSONS

4909-01 Supervisor, Blasting Tradespersons
 4909-11 Shot-firer
 4909-13 Stope Miner

4911 GARMENT TRADESPERSONS

4911-01 Supervisor, Garment Tradespersons
 4911-11 Tailor
 4911-13 Dressmaker
 4911-15 Apparel Cutter
 4911-17 Furrier
 4911-19 Patternmaker-Grader (Textiles)
 4911-21 Hat Maker
 4911-91 Apprentice Garment Tradesperson

4913 UPHOLSTERERS AND BEDDING TRADESPERSONS

4913-01 Supervisor, Upholsterers and Bedding Tradespersons
 4913-11 Furniture Upholsterer
 4913-13 Bedding and Mattress Maker
 4913-91 Apprentice Upholsterer and Bedding Tradesperson

4915 SHOEMAKING AND REPAIRING TRADESPERSONS

4915-01 Supervisor, Shoemaking and Repairing Tradespersons
 4915-11 Shoemaker

OCCUPATIONS**ASCO STRUCTURE**

4915-13 Shoe Repairer
 4915-91 Apprentice Shoemaker and Repairer
4917 OTHER LEATHER AND CANVAS TRADESPERSONS
 4917-01 Supervisor, Other Leather and Canvas Tradespersons
 4917-11 Leather Goods Maker
 4917-13 Canvas Goods Maker
 4917-15 Sailmaker
 4917-91 Apprentice, Other Leather and Canvas Trades
4919 FLOOR COVERERS
 4919-01 Supervisor, Floor Coverers
 4919-11 Floor Coverer
 4919-91 Apprentice Floor Coverer
4921 GLASS TRADESPERSONS
 4921-01 Supervisor, Glass Tradespersons
 4921-11 Flat Glass Tradesperson
 4921-13 Glass Blower
 4921-91 Apprentice Flat Glass Tradesperson
 4921-93 Trainee Glass Blower
4923 JEWELLERY AND PRECIOUS METALWARE TRADESPERSONS
 4923-01 Supervisor, Jewellery and Precious Metalware Tradespersons
 4923-11 Jeweller
 4923-13 Gem Cutter and Polisher
 4923-15 Precious Metal Smith
 4923-91 Apprentice Jewellery and Precious Metalware Tradesperson
4925 CRAFTWORKERS
 4925-01 Supervisor, Craftworkers
 4925-11 Piano Tuner
 4925-13 Potter
 4925-91 Apprentice Craftworker
 4925-99 Craftworkers nec

4927 HAIRDRESSERS
 4927-01 Supervisor, Hairdressers
 4927-11 Hairdresser
 4927-91 Apprentice Hairdresser
4929 SHEEP SHEARERS
 4929-01 Overseer, Shearing Shed
 4929-03 Shearing Shed Expert
 4929-11 Shearer
4931 ANIMAL TRAINERS
 4931-11 Horse Breaker
 4931-99 Animal Trainers nec
4999 OTHER TRADESPERSONS
 4999-01 Supervisor, Other Tradespersons
 4999-11 Dental Technician
 4999-13 Optical Mechanic
 4999-15 Stonemason
 4999-17 Motion Picture Projectionist
 4999-19 Saturation Technician
 4999-21 Offshore Diver
 4999-23 Onshore Diver
 4999-25 Florist
 4999-27 Aircraft Safety Equipment Worker
 4999-29 Military Explosives Technician
 4999-91 Apprentice, Other Trades
 4999-99 Tradespersons nec

ASCO STRUCTURE

OCCUPATIONS

5	CLERKS	5301-01	Supervisor, Accounting Clerks
		5301-11	Bookkeeper
51	STENOGRAPHERS AND TYPISTS	5301-13	Accounts Clerk
		5301-15	Payroll Clerk
5101	OFFICE SECRETARIES AND STENOGRAPHERS	5301-17	Branch Accountant (Financial Institution)
5101-01	Supervisor, Office Secretaries and Stenographers	5301-19	Credit Officer
5101-11	Office Secretary	5301-21	Cost Clerk
5101-13	Office Stenographer		
5101-15	Court and Hansard Reporter	5303	INSURANCE AND BROKING CLERKS
		5303-01	Supervisor, Insurance and Broking Clerks
5103	TYPISTS AND TYPIST-CLERKS	5303-11	Insurance Clerk
5103-01	Supervisor, Typists and Typist-Clerks	5303-13	Stockbroking Clerk
5103-11	Typist-Clerk		
5103-13	Typist	5305	STATISTICAL AND ACTUARIAL CLERKS
		5305-01	Supervisor, Statistical and Actuarial Clerks
5105	WORD PROCESSING OPERATORS	5305-11	Statistical Clerk
5105-01	Supervisor, Word Processing Operators	5305-13	Actuarial Clerk
5105-11	Word Processing Operator		
52	DATA PROCESSING AND BUSINESS MACHINE OPERATORS	54	FILING, SORTING AND COPYING CLERKS
		5401	LIBRARY AND FILING CLERKS
5201	DATA PROCESSING MACHINE OPERATORS	5401-01	Supervisor, Library and Filing Clerks
5201-01	Supervisor, Data Processing Machine Operators	5401-11	Library Assistant
5201-11	Computer Operator	5401-13	Filing Clerk
5201-13	Data Entry Operator	5403	MAIL SORTERS
5201-15	Data Transceiver Operator	5403-01	Supervisor, Mail Sorters
5201-99	Data Processing Machine Operators nec	5403-11	Mail Sorter
5203	BUSINESS MACHINE OPERATORS	5499	OTHER FILING, SORTING AND COPYING CLERKS
5203-01	Supervisor, Business Machine Operators	5499-11	Other Filing, Sorting and Copying Clerks
5203-11	Business Machine Operator		
53	NUMERICAL CLERKS	55	MATERIAL RECORDING AND DESPATCHING CLERKS
		5501	PRODUCTION RECORDING CLERKS
5301	ACCOUNTING CLERKS		

OCCUPATIONS**ASCO STRUCTURE**

5501-01 Supervisor, Production Recording Clerks

5501-11 Production Scheduling Clerk

5501-13 Production Tally Clerk

5503 TRANSPORT RECORDING AND DESPATCHING CLERKS

5503-01 Supervisor, Transport Recording and Despatching Clerks

5503-11 Receiving and Despatching Clerk

5503-13 Import-Export Clerk

5503-15 Radio Despatcher

5503-99 Transport Recording and Despatching Clerks nec

5505 STOCK AND PURCHASING CLERKS

5505-01 Supervisor, Stock and Purchasing Clerks

5505-11 Stock Clerk

5505-13 Purchasing Clerk

5505-15 Order Clerk

56 RECEPTIONISTS, TELEPHONISTS AND MESSENGERS

5601 RECEPTIONISTS AND INFORMATION CLERKS

5601-11 Receptionist

5601-13 Inquiry Clerk

5601-15 Admissions Clerk

5603 TELEPHONISTS

5603-01 Supervisor, Telephonists

5603-11 Telephonist

5605 MESSENGERS AND DELIVERY OFFICERS

5605-01 Supervisor, Messengers and Delivery Officers

5605-11 Messenger

5605-13 Postman/woman

59 MISCELLANEOUS CLERKS

5901 COLLECTION CLERKS

5901-11 Debt Collector

5901-99 Collection Clerks nec

5903 TEACHERS' AIDES

5903-11 Teachers' Aide

5905 PERSONNEL CLERKS

5905-11 Personnel Records Clerk

5905-13 Employment Office Clerk

5907 LEGAL AND RELATED CLERKS

5907-11 Clerk of Court

5907-13 Law Clerk

5907-15 Court Orderly

5907-99 Legal and Related Clerks nec

5909 POSTAL CLERKS AND OFFICERS

5909-11 Postal Clerk

5909-13 Postal Officer

5999 OTHER CLERKS

5999-11 Meter Reader

5999-13 Proof Reader

5999-15 Classified Advertising Clerk

5999-17 Bookmaker's Clerk

5999-19 Market Research Interviewer

5999-99 Clerks nec

- 6 SALESPERSONS AND PERSONAL SERVICE WORKERS**

- 61 INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS**

- 6101 SECURITIES AND FINANCE DEALERS**

 - 6101-11 Stock Exchange Dealer
 - 6101-99 Securities and Finance Dealers nec

- 6103 INSURANCE BROKERS AND AGENTS**

 - 6103-01 Supervisor, Insurance Brokers and Agents
 - 6103-11 Insurance Agent
 - 6103-13 Insurance Broker

- 6105 REAL ESTATE SALESPERSONS AND PROPERTY MANAGERS**

 - 6105-11 Real Estate Salesperson
 - 6105-13 Real Estate Property Manager

- 6199 OTHER INVESTMENT, INSURANCE AND REAL ESTATE SALESPERSONS**

 - 6199-11 Commodities Broker
 - 6199-13 Valuer

- 62 SALES REPRESENTATIVES**

- 6201 SALES REPRESENTATIVES**

 - 6201-11 Sales Representative (Chemical Products)
 - 6201-13 Sales Representative (EDP Equipment)
 - 6201-15 Sales Representative (Medical, Dental and Veterinary Equipment)
 - 6201-17 Sales Representative (Electronic Equipment except EDP)
 - 6201-19 Sales Representative (Toys and Sporting Goods)
 - 6201-21 Sales Representative (Business Services)
 - 6201-23 Sales Representative (Books and Paper Products)
 - 6201-25 Sales Representative (Builders' Hardware)

- 6201-27 Sales Representative (Floor Coverings and Furniture)
- 6201-29 Sales Representative (Food, Drink and Tobacco Products)
- 6201-31 Sales Representative (Household Goods and Domestic Hardware)
- 6201-33 Sales Representative (Toiletries)
- 6201-35 Sales Representative (Pharmaceuticals)
- 6201-37 Sales Representative (Textiles, Clothing and Footwear)
- 6201-99 Sales Representatives nec

- 63 SALES ASSISTANTS**

- 6301 SALES ASSISTANTS**

 - 6301-01 Supervisor, Sales Assistants
 - 6301-11 Sales Assistant (Hardware and Gardening Supplies)
 - 6301-13 Sales Assistant (Fabrics, Clothing and Footwear)
 - 6301-15 Sales Assistant (Food and Drink Products)
 - 6301-17 Sales Assistant (Furniture, Floor Coverings and Household Goods)
 - 6301-19 Sales Assistant (Caravans and Motor Vehicles)
 - 6301-21 Sales Assistant (Stationery, Newspapers and Books)
 - 6301-23 Sales Assistant (Pharmaceutical Products and Toiletries)
 - 6301-25 Sales Assistant (Vehicle Parts and Accessories)
 - 6301-99 Sales Assistants nec

- 64 TELLERS, CASHIERS AND TICKET SALESPERSONS**

- 6401 TELLERS**

 - 6401-01 Supervisor, Tellers
 - 6401-11 Teller

- 6403 CASHIERS**

 - 6403-01 Supervisor, Cashiers
 - 6403-11 Checkout Operator

OCCUPATIONS

ASCO STRUCTURE

6403-13 Office Cashier

6405 TICKET SALESPERSONS

6405-11 Ticket Seller

6405-13 Transport Conductor

65 MISCELLANEOUS SALESPERSONS

6501 STREET VENDORS, CANVASSERS AND SALES DRIVERS

6501-01 Supervisor, Street Vendors, Canvassers and Sales Drivers

6501-11 Scrap Merchant

6501-13 Cash Van Salesperson

6501-15 Door-to-Door Salesperson

6501-17 Street Vendor

6503 BAR ATTENDANTS

6503-01 Supervisor, Bar Attendants

6503-11 Bar Attendant

6505 WAITERS AND WAITRESSES

6505-01 Supervisor, Waiters and Waitresses

6505-11 Formal Service Waiter/Waitress

6505-13 Drink Waiter/Waitress

6505-15 Waiter/Waitress (General)

6507 TRAVEL AGENTS

6507-11 Travel Agent (Commercial)

6507-13 Tourist Officer

6599 OTHER SALESPERSONS

6599-11 Auctioneer

6599-13 Auction Room Attendant

6599-15 Sales Demonstrator

6599-17 Rental Salesperson

6599-19 Service Counter Clerk

6599-21 Service Station Attendant

6599-99 Salespersons nec

66 PERSONAL SERVICE WORKERS

6601 CHILD CARE, REFUGE AND RELATED WORKERS

6601-11 Pre-School Aide

6601-13 Child Care Aide

6601-15 Child Care Attendant

6601-17 Hostel Parent

6601-19 Child Care Group Worker

6601-21 Refuge Worker

6601-99 Child Care, Refuge and Related Workers nec

6603 ENROLLED NURSES

6603-11 Enrolled Nurse

6603-91 Student Enrolled Nurse

6605 DENTAL NURSES

6605-11 Dental Nurse

6607 HOME COMPANIONS AND AIDES

6607-11 Home Companion

6607-13 Family Aide

6609 TRAVEL STEWARDS

6609-01 Supervisor, Travel Stewards

6609-11 Flight Attendant

6609-13 Marine Steward

6609-15 Railway Steward

6699 OTHER PERSONAL SERVICE WORKERS

6699-11 Funeral Director

6699-13 Tourist Guide

6699-15 Beauty Therapist

6699-17 Masseur/Masseuse

6699-99 Personal Service Workers nec

7	PLANT AND MACHINE OPERATORS, AND DRIVERS	7201-91	Trainee Excavating and Earthmoving Plant Operator
71	ROAD AND RAIL TRANSPORT DRIVERS	7203	FORKLIFT AND RELATED DRIVERS
7101	BUS AND TRAM DRIVERS	7203-11	Forklift Driver
7101-11	Bus Driver	7203-13	Straddle Carrier Operator
7101-13	Tram Driver	7205	LOGGING PLANT OPERATORS
7103	AUTOMOBILE DRIVERS	7205-11	Logging Plant Operator
7103-11	Automobile Driver	7207	PAVING AND SURFACING PLANT OPERATORS
7105	TRUCK DRIVERS	7207-01	Supervisor, Paving and Surfacing Plant Operators
7105-11	Delivery Driver	7207-11	Paving Plant Operator
7105-13	Heavy Truck Driver	7207-13	Road Roller Operator
7105-15	Furniture Removalist-Driver	7209	AGRICULTURAL PLANT OPERATORS
7107	LOCOMOTIVE DRIVERS	7209-11	Farm Machinery Operator
7107-01	Supervisor, Locomotive Drivers	7209-13	Amenity Horticulture Machine Operator
7107-11	Locomotive Driver	7211	FIRE FIGHTERS
7107-91	Trainee Locomotive Driver	7211-01	Supervisor, Fire Fighters
72	MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)	7211-11	Fire Fighter
7201	EXCAVATING AND EARTHMOVING PLANT OPERATORS	7299	OTHER MOBILE PLANT OPERATORS (EXCEPT TRANSPORT)
7201-01	Supervisor, Excavating and Earthmoving Plant Operators	7299-11	Railway Track Repair Machine Operator
7201-11	Bulldozer Operator	7299-99	Mobile Plant Operators nec
7201-13	Scraper Operator (Earthmoving)	73	STATIONARY PLANT OPERATORS
7201-15	Back-hoe Operator	7301	POWER GENERATION PLANT OPERATORS
7201-17	Trench-digging Machine Operator	7301-01	Supervisor, Power Generation Plant Operators
7201-19	Loader Operator (Earthmoving)	7301-11	Power Generation Plant Operator
7201-21	Open Cut Mining Plant Operator	7303	ENGINE AND BOILER OPERATORS (EXCEPT POWER GENERATION)
7201-23	Underground Plant Operator	7303-11	Stationary Engine and Boiler Operator
7201-25	Dredge Operator		
7201-27	Grader Operator		
7201-29	Excavator Operator		

OCCUPATIONS**ASCO STRUCTURE**

7303-13 Marine Engine and Boiler Operator

7305 CHEMICAL PLANT OPERATORS

7305-01 Supervisor, Chemical Plant Operators

7305-11 Chemical Plant Operator

7305-91 Trainee Chemical Plant Operator

7307 PETROLEUM AND GAS PLANT OPERATORS

7307-01 Supervisor, Petroleum and Gas Plant Operators

7307-11 Petroleum and Gas Refining and Pumping Operator

7307-13 Oil and Gas Well Treatment Operator

7307-15 Oil, Gas and Pipe Tester

7309 BULK MATERIALS HANDLING PLANT OPERATORS

7309-01 Supervisor, Bulk Materials Handling Plant Operators

7309-11 Bulk Materials Handling Plant Operator

7311 CRANE OPERATORS

7311-01 Supervisor, Crane Operators

7311-11 Crane Operator

7313 HOIST, WINCH AND LIFT OPERATORS

7313-01 Supervisor, Hoist, Winch and Lift Operators

7313-11 Hoist, Winch and Lift Operator

7315 FURNACE AND KILN OPERATORS

7315-01 Supervisor, Furnace and Kiln Operators

7315-11 Metals Furnace Operator

7315-13 Heat Treatment Furnace Operator

7315-15 Kiln Operator

7315-17 Incinerator Plant Operator

7317 DRILLING PLANT OPERATORS

7317-01 Supervisor, Drilling Plant Operators

7317-11 Drilling Plant Operator

7399 OTHER STATIONARY PLANT OPERATORS

7399-01 Supervisor, Other Stationary Plant Operators

7399-11 Mineral Ore Treating Plant Operator

7399-13 Metal Rolling Mill Operator

7399-15 Paper Pulp Preparation Plant Operator

7399-17 Wood Chipping and Particleboard Plant Operator

7399-19 Railway Switching and Signalling Operator

7399-21 Timber Treatment Plant Operator

7399-23 Concrete Pump Operator

7399-25 Insulation Maker

7399-27 Cement Production Plant Operator

7399-29 Water Supply and Treatment Plant Operator

7399-31 Electrolytic Cell Operator

7399-33 Carbon Plant Worker

7399-35 Concrete Batching Plant Operator

7399-99 Stationary Plant Operators nec

74 MACHINE OPERATORS

7401 BASIC METAL PRODUCTS MACHINE OPERATORS

7401-01 Supervisor, Basic Metal Products Machine Operators

7401-11 Machine Moulder

7401-13 Casting Machine and Ladle Operator

7401-15 Wire Drawing Machine Operator

7401-17 Metal Extrusion Press Operator

7403 METAL PRESS OPERATORS

7403-11 Metal Press Operator

7405 OTHER METAL PRODUCTS MACHINE OPERATORS

7405-11 Other Metal Products Machine Operators

ASCO STRUCTURE

OCCUPATIONS

7407	PLASTICS PRODUCTION MACHINE OPERATORS	7413-99	Wood Processing Machine Operators nec
7407-01	Supervisor, Plastics Production Machine Operators	7415	PAPER AND PAPER PRODUCTS MACHINE OPERATORS
7407-11	Plastics Production Machine Setter	7415-01	Supervisor, Paper and Paper Products Machine Operators
7407-13	Plastics Extruding Machine Operator	7415-11	Wet End Papermaking Machine Operator
7407-15	Plastics Moulding Machine Operator	7415-13	Dry End Papermaking Machine Operator
7407-17	Cellular Plastics Machine Operator	7415-15	Paper Products Machine Operator
7407-19	Plastics Sheet Press Operator	7417	GLASS PRODUCTION MACHINE OPERATORS
7407-21	Plastics Blending Machine Operator	7417-01	Supervisor, Glass Production Machine Operators
7407-23	Gun Hand (Plastics)	7417-11	Glass Production Machine Operator
7407-25	Sheathing Extruder	7419	CLAY AND STONE PROCESSING MACHINE OPERATORS
7409	RUBBER PRODUCTION MACHINE OPERATORS	7419-01	Supervisor, Clay and Stone Processing Machine Operators
7409-01	Supervisor, Rubber Production Machine Operators	7419-11	Concrete Products Machine Operator
7409-11	Tyre Production Machine Operator	7419-13	Clay Products Machine Operator
7409-99	Rubber Production Machine Operators nec	7419-15	Stone Processing Machine Operator
7411	CHEMICAL PRODUCTION MACHINE OPERATORS	7419-17	Porcelain Turner
7411-01	Supervisor, Chemical Production Machine Operators	7419-19	Plasterboard Maker
7411-11	Pharmaceuticals and Toiletries Production Machine Operator	7419-21	Fibre-Cement Machine Operator
7411-13	Explosives Production Machine Operator	7419-99	Clay and Stone Processing Machine Operators nec
7411-99	Chemical Production Machine Operators nec	7421	YARN PRODUCTION MACHINE OPERATORS
7413	WOOD PROCESSING MACHINE OPERATORS	7421-01	Supervisor, Yarn Production Machine Operators
7413-01	Supervisor, Wood Processing Machine Operators	7421-11	Yarn Carding and Spinning Machine Operator
7413-11	Head Sawyer	7421-13	Cotton Ginner
7413-13	Resawyer	7421-15	Wool Scouring Operator
7413-15	Dockerman/woman	7423	HIDE AND SKIN PROCESSING MACHINE OPERATORS
7413-17	Timber Stock Cutter	7423-01	Supervisor, Hide and Skin Processing Machine Operators
7413-19	Veneer Production Machine Operator		
7413-21	Plywood Production Machine Operator		
7413-23	Wood Laminating Press Operator		

OCCUPATIONS

ASCO STRUCTURE

7423-11	Hide and Skin Processing Machine Operator	7431-99	Food Processing Machine Operators nec
7425	FABRIC PRODUCTION MACHINE OPERATORS	7433	PACKAGING MACHINE OPERATORS
7425-01	Supervisor, Fabric Production Machine Operators	7433-01	Supervisor, Packaging Machine Operators
7425-11	Warp Machine Operator	7433-11	Liquids Filler
7425-13	Weaver	7433-99	Packaging Machine Operators nec
7425-15	Textile Knitting Machine Operator	7435	PHOTOGRAPHIC PRODUCTS MACHINE OPERATORS
7425-17	Textile Dyeing and Finishing Machine Operator	7435-01	Supervisor, Photographic Products Machine Operators
7425-19	Rope and Cord Making Machine Operator	7435-11	Photographic Developer and Printer
7425-21	Textile Products Mender	7435-13	Photographic Film Manufacturing Operator
7425-99	Fabric Production Machine Operators nec	7499	OTHER MACHINE OPERATORS
7427	TEXTILE SEWING MACHINISTS	7499-01	Supervisor, Other Machine Operators
7427-01	Supervisor, Textile Sewing Machinists	7499-11	Tobacco Technical Operator
7427-11	Textile Sewing Machinist (Single Needle)	7499-13	Tobacco Machine Attendant
7427-13	Textile Sewing Machinist (Multi Needle)	7499-15	Dry Cleaning Machine Operator
7429	SHOEMAKING MACHINE OPERATORS	7499-17	Laundry Machine Operator
7429-11	Shoemaking Machine Operator	7499-19	Military Weapons Operator
7431	FOOD PROCESSING MACHINE OPERATORS	7499-21	Printing Bindery Assistant
7431-01	Supervisor, Food Processing Machine Operators	7499-23	Printing Table Hand
7431-11	Grain and Cereal Processing Machine Operator	7499-99	Machine Operators nec
7431-13	Sugar Processing Machine Operator		
7431-15	Soft Drink and Syrup Making Machine Operator (except Dairy)		
7431-17	Alcoholic Beverage Machine Operator		
7431-19	Meat and Fish Processing Machine Operator		
7431-21	Milk Treatment Machine Operator		
7431-23	Margarine Maker		
7431-25	Ice-Cream Maker		
7431-27	Food Factory Cook		

8 LABOURERS AND RELATED WORKERS

81 TRADES ASSISTANTS AND FACTORY HANDS

8101 TRADES ASSISTANTS

- 8101-11 Metal Trades Assistant
- 8101-13 Construction Trades Assistant
- 8101-15 Electrical and Telecommunications Trades Assistant
- 8101-99 Trades Assistants nec

8103 ASSEMBLERS

- 8103-01 Supervisor, Assemblers
- 8103-11 Metal and Metal Products Assembler
- 8103-13 Electrical and Electronic Equipment Assembler
- 8103-15 Jewellery Assembler
- 8103-17 Wood Products Assembler

8105 HAND PACKERS

- 8105-11 Meat Packer
- 8105-13 Fruit and Vegetable Packer
- 8105-99 Hand Packers nec

8107 INDUSTRIAL SPRAY PAINTERS

- 8107-11 Industrial Spray Painter

8109 QUALITY CONTROLLERS

- 8109-11 Product Grader
- 8109-13 Product Examiner
- 8109-15 Product Tester
- 8109-17 Product Weigher

8199 OTHER TRADES ASSISTANTS AND FACTORY HANDS

- 8199-01 Supervisor, Other Trades Assistants and Factory Hands
- 8199-11 Metal Processing and Finishing Factory Hand
- 8199-13 Sawmill Labourer

- 8199-15 Wood and Wood Products Factory Hand

- 8199-17 Pulp, Papermaking and Paper Products Factory Hand

- 8199-19 Cement and Concrete Plant Labourer

- 8199-21 Clay Processing Factory Hand

- 8199-23 Chemical Plant Labourer

- 8199-25 Rubber and Plastics Factory Hand

- 8199-27 Hide and Skin Processing Labourer

- 8199-29 General Hand (Printing)

- 8199-31 Glassware Process Assistant

- 8199-33 Meatworks Labourer

- 8199-35 Meat Boner and Slicer

- 8199-37 Poultry Process Worker

- 8199-39 Fish Process Worker

- 8199-41 Baking Factory Hand

- 8199-43 Dairy Factory Hand

- 8199-45 Egg Process Worker

- 8199-47 Fruit and Vegetable Factory Hand

- 8199-99 Trades Assistants and Factory Hands nec

82 AGRICULTURAL LABOURERS AND RELATED WORKERS

8201 FARM HANDS AND ASSISTANTS

- 8201-01 Supervisor, Farm Hands and Assistants
- 8201-11 Livestock and Field Crop Farm Hand
- 8201-13 Fruit, Vegetable and Nut Farm Hand
- 8201-15 Shearing Shed Hand
- 8201-99 Farm Hands and Assistants nec

8203 FORESTRY LABOURERS

- 8203-01 Supervisor, Forestry Labourers
- 8203-03 Supervisor, Logging Labourers
- 8203-11 Tree Faller
- 8203-13 Forestry Worker
- 8203-15 Logging Worker

OCCUPATIONS**ASCO STRUCTURE****8205 NURSERY AND GARDEN
LABOURERS**

- 8205-11 Nursery Assistant (Horticulture)
- 8205-13 Garden Labourer

**8299 OTHER AGRICULTURAL LABOURERS
AND RELATED WORKERS**

- 8299-11 Shooter-Trapper
- 8299-99 Agricultural Labourers and Related Workers nec

83 CLEANERS**8301 CLEANERS**

- 8301-01 Supervisor, Cleaners
- 8301-11 Industrial Cleaner
- 8301-13 Commercial Cleaner
- 8301-15 Hospital Cleaner
- 8301-17 Window Cleaner
- 8301-19 Carpet Cleaner
- 8301-21 Motor Vehicle Cleaner
- 8301-99 Cleaners nec

**84 CONSTRUCTION AND
MINING LABOURERS****8401 INSTALLATION WORKERS**

- 8401-11 Building Insulation Installer
- 8401-13 Home Improvements Installer

8403 CONCRETE WORKERS

- 8403-11 Concrete Worker

**8405 STRUCTURAL STEEL AND RELATED
CONSTRUCTION LABOURERS**

- 8405-11 Scaffolder
- 8405-13 Rigger (Construction)
- 8405-15 Steel Fixer
- 8405-17 Structural Steel Erector

8407 EARTHMOVING LABOURERS

- 8407-11 Earthmoving Labourer

**8409 PAVING AND SURFACING
LABOURERS**

- 8409-01 Supervisor, Paving and Surfacing Labourers
- 8409-11 Paving and Surfacing Labourer

8411 SURVEY HANDS

- 8411-11 Survey Hand

8413 RAILWAY LABOURERS

- 8413-01 Supervisor, Railway Labourers
- 8413-11 Railway Labourer

**8415 MINING AND MINERAL ORE
TREATING LABOURERS**

- 8415-11 Mining Labourer
- 8415-13 Driller's Offsider
- 8415-15 Mineral Ore Processing Labourer

**8499 OTHER CONSTRUCTION AND
MINING LABOURERS**

- 8499-11 Lagger
- 8499-13 Crane Chaser
- 8499-15 Fence Erector
- 8499-17 Building Construction Labourer

**89 MISCELLANEOUS
LABOURERS AND RELATED
WORKERS****8901 USHERS AND DOOR ATTENDANTS**

- 8901-11 Door Attendant
- 8901-13 Entertainment Usher
- 8901-15 Ticket Taker

8903 LUGGAGE PORTERS

- 8903-01 Supervisor, Luggage Porters
- 8903-11 Luggage Porter

8905 GARBAGE COLLECTORS

- 8905-01 Supervisor, Garbage Collectors
- 8905-11 Garbage Collector

ASCO STRUCTURE**OCCUPATIONS**

8907	STOREMEN/WOMEN	8923	VEHICLE ACCESSORIES FITTERS
8907-01	Supervisor, Storemen/women	8923-01	Supervisor, Vehicle Accessories Fitters
8907-11	Storeman/woman	8923-11	Vehicle Accessories Fitter
8909	FREIGHT AND FURNITURE HANDLERS	8925	FISHERMEN/WOMEN, DECKHANDS AND SEAMEN/WOMEN
8909-01	Supervisor, Freight and Furniture Handlers	8925-01	Boatswain
8909-11	Freight Handler (Road and Rail)	8925-11	Seaman/woman
8909-13	Furniture Packer	8925-13	Fisherman/woman
8909-15	Wharf Labourer		
8909-17	Truck Driver's Offsider	8999	OTHER LABOURERS AND RELATED WORKERS
8911	GUARDS AND SECURITY OFFICERS	8999-11	Animal Attendant
8911-01	Supervisor, Guards and Security Officers	8999-13	Pest and Weed Controller
8911-11	Railway Patrol Officer	8999-15	Vending Machine Attendant
8911-13	Security Officer	8999-17	Lampman/woman
8911-15	Railway Guard	8999-19	Handyman/woman
8911-99	Guards and Security Officers nec	8999-21	Funeral Attendant
8913	CARETAKERS	8999-23	Veterinary Nurse
8913-11	Caretaker	8999-25	Railway Station Assistant
8915	HOUSEKEEPERS	8999-27	Automotive Parts Recycler
8915-11	Executive Housekeeper	8999-99	Labourers and Related Workers nec
8915-13	Domestic Housekeeper		
8917	LAUNDRY WORKERS		
8917-01	Supervisor, Laundry Workers		
8917-11	Laundry Worker		
8919	KITCHENHANDS		
8919-11	Kitchenhand		
8921	WARD HELPERS		
8921-01	Supervisor, Ward Helpers		
8921-11	Ward Assistant		
8921-13	Hospital Food Serviceperson		
8921-15	Nursing Assistant		

FORMAT OF DEFINITIONS

The format of major, minor and unit group definitions varies slightly between levels, but they all contain similar elements. These elements are:

- . statement of the boundaries of the group;
- . information on skill level;
- . list of principal or indicative tasks;
- . list of lower level groups or occupations contained in the group.

The major and minor group definitions have separate paragraphs dealing with each of the above elements. They also contain paragraphs dealing with special inclusions and exclusions in cases where the reason may not be obvious.

The unit group definitions are presented in the following format:

UNIT GROUP CODE and TITLE

A lead statement specifying the boundaries of the group in terms of broadly stated tasks.

Under the heading **SKILL LEVEL** is a statement specifying the skill level for the unit group, expressed in terms of formal education, previous experience and on-the-job training. Special requirements, such as licensing, are also indicated under this heading.

Under the heading **TASKS INCLUDE** is a list of primary tasks performed in the occupations included in the unit group.

Under the heading **OCCUPATIONS** is a list of occupation titles included in the unit group.

There are three categories of occupation titles:

Principal Titles are the official titles used to designate occupations in ASCO. They are printed in bold type and accompanied by the occupation level code.

Alternative Titles are commonly used synonyms of the Principal Title. They are designated by (a).

Specialisation Titles are commonly occurring titles referring to a subset of jobs belonging to the occupation designated by the Principal Title. These jobs involve the performance of specialised tasks rather than the broader range of tasks usually performed in the occupation. They are designated by (s).

Under the heading **RELATED OCCUPATIONS** is a list of related occupations contained in other unit groups.

Under the heading **COMMENTS** are items of relevant information not given elsewhere.

