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 **Latest release**

Sub-major Group

39 Other Technicians and Trades Workers

OSCA - Occupation Standard Classification for Australia

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39 Other Technicians and Trades Workers

This sub-major group covers Technicians and Trades Workers not elsewhere classified. It includes Artistic and Cultural Technicians and Hairdressers.

OSCA skill level

The occupations in this sub-major group have a skill level corresponding to the qualifications and experience below.

- Skill Level 2: AQF Associate Degree, Advanced Diploma, Diploma, or at least three years of relevant experience
- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Minor Group

391 Artistic and Cultural Technicians and Trades Workers

Provide technical assistance and operate equipment to support galleries, museums and libraries, screen and live performance productions and the performing arts, and to produce photographs, printed materials and signs.

OSCA skill level

The occupations in this minor group have a skill level corresponding to the qualifications and experience below.

- Skill Level 2: AQF Associate Degree, Advanced Diploma, Diploma, or at least three years of relevant experience
- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Unit Group

3911 Gallery, Library and Museum Technicians

Prepare artworks, specimens and artefacts for collections, arrange and construct gallery exhibits, and assist Librarians and other information managers in operational and technical aspects of library work.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 2: AQF Associate Degree, Advanced Diploma, Diploma, or at least three years of relevant experience

Occupation

391131 Gallery or Museum Technician

Prepares artworks, specimens and artefacts for collections, and arranges and constructs gallery or museum exhibits.

Specialisation

- Taxidermist

Skill level: 2

Main tasks

- Mounts and prepares objects for display
- Designs and arranges exhibit furnishings, display cases and display areas
- Assists in setting up lighting, sound systems, audio visual presentations and display equipment

- Receives, ships, packs and unpacks exhibits
- May undertake fabrication and painting for exhibitions and collection needs

Occupation

391132 Library Technician

Assists Librarians and other information managers in operational and technical aspects of library work. Provides access to information resources, delivers information and research services, maintains library resources and systems, and delivers customised services to users.

Skill level: 2

Main tasks

- Provides access to library resources, records and systems through data management, cataloguing and classification
- Maintains library and information sources throughout their lifecycle
- Searches library and information databases to assist customers with reference and research enquiries in the physical and virtual environment
- Operates library digital technologies and platforms
- Arranges interlibrary loans
- Develops, promotes and presents programs, including displays and library tours

Unit Group

3912 Performing Arts Technicians

Provide technical and other assistance for the production, recording and broadcasting of artistic performances.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

391231 Audio Engineer

Operates audio equipment to record, enhance, mix and amplify sound in support of music, live performance, television, radio, film or video productions.

Acoustic Engineers are excluded from this occupation. Acoustic Engineers are included in Occupation 243931 Acoustic Engineer.

Alternative titles

- Sound Engineer
- Sound Technician

Specialisations

- Sound Editor
- Sound Recordist

Skill level: 3

Main tasks

- Sets up, tests and operates audio equipment for recordings or live productions
- Adjusts audio levels and quality to ensure optimal sound
- Mixes and balances audio tracks to create desired effects
- Edits and enhances audio recordings using software and equipment
- Maintains, repairs and troubleshoots audio equipment to ensure proper functioning
- Collaborates with directors, producers and performers to achieve desired sound outcomes

Occupation

391232 Broadcast Technician

Installs, tests, operates and repairs electronic equipment used to record and transmit live and taped programs for broadcast.

Telecommunications Technicians are excluded from this occupation. Telecommunications Technicians are included in Occupation 382334 Telecommunications Technician.

Skill level: 3

Main tasks

- Monitors, logs and adjusts broadcast transmitters to ensure signal quality and transmission accuracy
- Operates, installs and tests consoles and equipment to control the broadcast transmission process

- Receives and follows instructions from broadcast directors or producers regarding transmission schedules and content
- Troubleshoots and resolves technical problems with broadcast transmitters, such as signal interference or equipment malfunctions
- Collaborates with other broadcast staff to coordinate and synchronise transmission activities
- Maintains and updates records of transmission schedules, equipment maintenance, and any changes to transmission procedures

Occupation

391233 Camera Operator (Film, Television or Video)

Manages, sets up, tests and operates cameras to capture footage for film, television, live performance or video productions.

Alternative title

- Videographer

Skill level: 3

Main tasks

- Sets up cameras and related equipment for film, television, live performances or video productions
- Operates cameras to capture scenes according to the director's instructions
- Adjusts camera settings such as focus, exposure and lighting to achieve desired visual effects
- Collaborates with directors, Cinematographers, Lighting Technicians and other crew members to determine camera angles, movements, lighting and shots
- Monitors camera feeds and makes necessary adjustments during filming
- Maintains and troubleshoots camera equipment to ensure optimal performance
- Assists with the planning and execution of camera movements and shots
- May operate specialised camera equipment such as cranes, dollies, drones and Steadicams

Occupation

391234 Lighting Technician

Positions and controls lighting equipment for film, television, live performance or video productions.

Specialisation

- Gaffer

Skill level: 3

Main tasks

- Sets up and positions lighting equipment for film, television, live performance or video productions
- Operates lighting consoles and controls lighting effects during productions
- Adjusts lighting levels and angles to achieve desired visual effects
- Collaborates with directors, producers and other crew members to determine lighting requirements
- Installs, maintains and troubleshoots lighting fixtures and equipment
- Creates lighting plots and designs for productions
- Coordinates with other technicians to ensure smooth operation of lighting equipment

Occupation

391299 Performing Arts Technicians nec

This occupation group covers Performing Arts Technicians not elsewhere classified.

Skill level: 3

Occupations in this group include:

- Camera Assistant (Screen)
- Microphone Boom Operator
- Performing Arts Road Manager
- Script Supervisor
- Special Effects Technician
- Television Equipment Operator
- Theatrical Dresser

Unit Group

3913 Photographers

Operate still cameras to take photographs.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 2: AQF Associate Degree, Advanced Diploma, Diploma, or at least three years of relevant experience

Occupation

391331 Photographer

Operates a still camera to take photographs.

Specialisations

- Fashion Photographer
- Landscape Photographer
- News Photographer
- Photographic Artist
- Portrait Photographer
- Sports Photographer
- Technical Photographer

Skill level: 2

High levels of creative talent, interest and personal commitment may substitute for formal qualifications or years of experience.

Main tasks

- Plans and prepares for photography sessions
- Organises, sets up and adjusts camera equipment, lighting and props
- Directs and guides individuals or groups for desired poses
- Composes and frames shots to capture subjects and emotions
- Edits and enhances photographs using software
- Maintains and organises photography equipment and studio
- May print, mount and present photographs in various formats

Unit Group

3914 Printing Trades Workers

Design, bind, finish and produce printed materials.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

391431 Graphic Pre-press Operator

Prepares design files for printing, ensuring appropriate colours, graphics, layouts and technical specifications for printing and other visual media.

Specialisations

- Desktop Publishing Operator
- Finished Artist

Skill level: 3

Main tasks

- Operates graphic cameras and digital tools to produce high resolution, print-ready files
- Uses computer applications to generate images, text, layouts and impositions for print and other visual media displays
- Operates plate making equipment to reproduce images from film to printing plates, digital output devices, and presses
- Uses digital design platforms for scanning, colour management, combining, layering and preparing visuals for print
- Carries out digital proofing processes to ensure clarity and accuracy in printed proofs, and corrects them for quality
- Analyses and refines printed samples to obtain required quality and consistency

Occupation

391432 Print Finisher

Binds books and other publications, and finishes printed products.

Alternative title

- Bookbinder

Specialisation

- Paper Guillotine Operator (Bookbinding)

Skill level: 3

Main tasks

- Sets up and supervises the operation of automatic binding and finishing equipment
- Binds full, half and limp-bound books, and repairs bindings
- Folds printed sheets to prepare booklets, brochures and other printed items, and embellishes printed products
- Operates paper guillotines for pre-press and post-press paper cutting and trimming, and programs electronically operated units
- Operates systems to insert printed material into newspapers, magazines and envelopes

Occupation

391433 Printing Machinist

Produces books, magazines, newspapers, brochures, posters, leaflets, packaging materials and stationery using printing presses.

Specialisations

- Digital Printer
- Flexographic Printing Machinist
- Label Printing Machinist
- Lithographic Printing Machinist
- Small Offset Printer

Skill level: 3

Main tasks

- Sets, adjusts and monitors substrate-feed mechanisms, delivery mechanisms, inking systems and other printing machine functions
- Loads and unloads materials into printing machines, and monitors inventory of printing supplies and materials
- Mixes ink and solvents to standard, and regulates paper and ink supply during print runs
- Monitors, evaluates and determines press operations manually and by computer to check print quality standards against proofs and detect malfunctions
- Undertakes maintenance, adjustment, repair and cleaning of machines

Occupation

391434 Screen Printer

Prepares stencils, and sets up and operates power-driven or hand-operated screen print equipment.

Specialisations

- Screen Printing Stencil Preparer
- Textiles Printer

Skill level: 3

Main tasks

- Prepares stencils using digital and hand cut methods
- Mixes and prepares inks for printing
- Uses printers, screens, presses and squeegees to create screen prints
- Dries printed items using drying machines and drying racks
- Inspects printed products for quality

Unit Group

3915 Signwriters

Design, fabricate, paint and wrap signs for displays, buildings, hoardings, boats and structures.

Sign Installers are excluded from this occupation. Sign Installers are included in Occupation 899936 Sign Installer.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

391531 Signwriter

Designs, fabricates, paints and wraps signs for displays, buildings, hoardings, boats and structures.

Registration or licensing may be required.

Sign Installers are excluded from this occupation. Sign Installers are included in Occupation 899936 Sign Installer.

Specialisations

- Electronic Illumination Signwriter
- Sign Maker/Manufacturer
- Vinyl Signwriter and Applicator

Skill level: 3

Main tasks

- Consults with clients and responds to proposals, sketches and written instructions to determine composition of signs
- Designs and creates signs and illustrations using computer software and signmaking machines
- Designs and creates murals, screen prints, gold leaf work and vinyl sign writing
- Applies vinyl wrapping to a variety of media
- Prints and plots on laminate and other paper types
- Measures and calculates letter size, prepares the surface, and applies background paint using brushes, sprays and rollers
- Paints signs and letters using lacquers, varnishes, paints and other materials on brick, metal, timber, glass, plastic and other surfaces
- May make three-dimensional signs

Unit Group

3919 Other Artistic and Cultural Technicians and Trades Workers

This unit group covers Artistic and Cultural Technicians and Trades Workers not elsewhere classified. It includes Interior Decorators, Jewellers, and Musical Instrument Makers and Repairers.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 2: AQF Associate Degree, Advanced Diploma, Diploma, or at least three years of relevant experience
- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

391931 Interior Decorator

Plans the interior styling of commercial or residential premises and arranges for decorating work to be done.

Skill level: 2

Main tasks

- Consults with clients to determine styling preferences and requirements
- Develops decorating concepts and plans, and presents them to clients for approval
- Selects and sources materials, furnishings and accessories
- Collaborates with Architects, contractors and clients to implement the interior styling plan
- Installs and arranges decorations

Occupation

391932 Jeweller

Makes and repairs jewellery such as rings, brooches, chains and bracelets, crafts objects out of precious metals, or cuts, shapes and polishes rough gemstones to produce fashion or industrial jewels.

Specialisations

- Diamond Cutter
- Gem Setter
- Goldsmith
- Silversmith

Skill level: 3

Main tasks

- Creates jewellery pieces using various materials, tools and techniques
- Repairs damaged jewellery by soldering, polishing and replacing missing parts
- Shapes and polishes rough gemstones to enhance their appearance

- Inspects and evaluates gemstones and precious metal for quality and authenticity
- May appraise the quality and value of jewellery items

Occupation

391933 Musical Instrument Maker or Repairer

Builds, repairs and restores musical instruments, and modifies and tunes them to owners' specifications.

Specialisation

- Piano Tuner

Skill level: 3

Main tasks

- Constructs musical instruments according to specifications and designs
- Repairs damaged or broken musical instruments
- Modifies musical instruments to meet musicians' specific requirements
- Tunes musical instruments for correct pitch and sound
- Inspects and tests musical instruments for quality
- Uses tools to shape, cut and assemble instrument parts
- Applies finishes and varnishes to instruments
- May use 3D printing to recreate missing parts of instruments or manufacture instruments with specific characteristics that are not possible to create using conventional production techniques

Minor Group

392 Barbers and Hairdressers

Cut, style, taper, colour, straighten and permanently wave hair.

OSCA skill level

The occupations in this minor group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Unit Group

3921 Barbers and Hairdressers

Cut, style, taper, colour, straighten and permanently wave hair.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

392131 Barber

Cuts, trims, tapers, colours and shapes hair and facial hair styles, using clippers, razors, scissors and trimmers.

Skill level: 3

Main tasks

- Consults with clients about their desired hair and facial hair styles
- Analyses clients' hair and features to design and recommend styles
- Trims, cuts and styles hair using clippers and scissors
- Shaves and styles facial hair using razors and trimmers
- Demonstrates and sells products for hair and facial hair

Occupation

392132 Hairdresser

Cuts, styles, colours, straightens and permanently waves hair, and treats hair and scalp conditions.

Skill level: 3

Main tasks

- Consults with clients to determine their desired hair style, and hair and scalp conditions
- Analyses clients' hair and features to design and recommend styles
- Cuts hair using scissors, clippers, razors and other hair cutting tools
- Styles, straightens and permanently waves hair using brushes, combs, straightening irons and other styling tools

- Applies hair colour, highlights and lowlights using various techniques
- Performs hair treatments such as deep conditioning, moisturising and scalp massages

Minor Group

399 Miscellaneous Technicians and Trades Workers

This minor group covers Technicians and Trades Workers not elsewhere classified. It includes Chemical, Gas, Petroleum and Power Generation Plant Technicians, Drillers, Pest Control Technicians, Textile, Clothing and Footwear Trades Workers and Wood Machinists and Other Wood Trades Workers.

OSCA skill level

The occupations in this minor group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Unit Group

3991 Chemical, Gas, Petroleum and Power Generation Plant Technicians

Control the operation of chemical production equipment, pump gas and oil from wellheads, refine and process petroleum products, and operate machines and associated plant to generate electrical power.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

399131 Chemical Plant Operator

Controls the operation of chemical production plant.

Alternative titles

- Chemical Plant Technician
- Process Operator (Chemical)
- Process Technician (Chemical)

Specialisation

- Paint Maker

Skill level: 3

Main tasks

- Monitors and controls the operation of chemical production plant
- Adjusts equipment and controls to maintain specified operating conditions and product quality within chemical processing plants
- Inspects and tests samples of raw materials and finished products to ensure compliance with quality standards
- Performs routine maintenance and troubleshooting of equipment and machinery
- Records and maintains production data and reports any deviations or issues

Occupation

399132 Gas or Petroleum Production Technician

Monitors and controls equipment to pump oil and gas from wellheads, and refine and process petroleum products.

Alternative titles

- Gas or Petroleum Plant Operator
- Process Operator (Gas or Petroleum)
- Process Technician (Gas or Petroleum)

Specialisations

- Gas Compressor Turbine Operator
- Petroleum Blending Plant Operator
- Petroleum Terminal Plant Operator
- Refinery Pipeline Operator

Skill level: 3

Main tasks

- Monitors and controls equipment to pump oil and gas from wellheads
- Operates refining and processing equipment to produce petroleum products
- Monitors and adjusts process variables such as temperature, pressure and flow rates
- Collects and analyses samples of oil and gas for testing
- Monitors and controls the quality of petroleum products
- Inspects and conducts routine maintenance on equipment to ensure proper functioning
- Records and maintains production and equipment data
- Responds to alarms and emergencies, taking appropriate action

Occupation

399133 Power Generation Plant Operator

Operates, controls, maintains and monitors machines and associated plant equipment used to generate electrical power, including power generated from renewable energy such as solar, wind power and hydropower.

Registration or licensing is required.

Alternative titles

- Power Plant Operator
- Power Station Operator

Specialisation

- Wind Turbine Technician

Skill level: 3

Main tasks

- Operates, controls and monitors machines and plant equipment used to generate electrical power, including power generated from renewable energy
- Adjusts controls to regulate the flow of fuel, air and water to maintain specified temperature, pressure and water levels
- Starts and stops generators, turbines and auxiliary equipment
- Monitors and records readings from meters, gauges and instruments
- Inspects and maintains equipment, and identifies and reports any faults or malfunctions

- Responds to alarms and emergencies, taking appropriate action to ensure the safe and efficient operation of the plant
- Monitors and controls the quality of power generated, ensuring it meets specified standards
- Coordinates activities and resolves issues in collaboration with other plant operators and maintenance staff
- Keeps records of plant operations, including production levels, maintenance activities and equipment performance

Unit Group

3992 Drillers

Assemble, position and operate drilling rigs and related equipment for exploration or to extract ore, liquids or gases from the earth.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

399231 Driller

Assembles, positions and operates drilling rigs and related equipment for exploration or to extract ore, liquids or gases from the earth.

Registration or licensing may be required.

Specialisations

- Blast Hole Driller
- Diamond Driller
- Directional Driller
- Exploration Driller
- Jumbo Operator
- Rig Manager

Skill level: 3

Main tasks

- Operates drill rigs and related equipment to facilitate subsurface exploration and extraction of ore, liquids or gases
- Monitors drilling operations and adjusts equipment as necessary
- Inspects and maintains drilling equipment and tools
- Records drilling data and maintains accurate records
- Tests and evaluates drill samples to determine the composition of extracted material
- May supervise and direct the work of Driller's Offsiders

Unit Group

3993 Pest Control Technicians

Implement and apply pest management techniques to manage and control animal and invertebrate pests inside and outside domestic, commercial and industrial premises.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

399331 Pest Control Technician

Implements and applies pest management techniques to manage and control animal and invertebrate pests inside and outside domestic, commercial and industrial premises.

Registration or licensing may be required.

Alternative titles

- Pest Controller
- Pest Management Technician

Specialisation

- Fumigator

Skill level: 3

Main tasks

- Inspects commercial, industrial and residential premises and surrounds to assess pest activity, identify the pests and the extent of any infestation and damage
- Develops pest management plans considering pests' biology and behavior, as well as the potential impact on health, safety and infrastructure
- Evaluates the need for pest management, and implements suitable treatment plans and methods
- Works with clients to provide recommendations for building maintenance and hygiene activities to prevent pests
- Applies non-chemical solutions and pesticides to manage and minimise the risk of pest infestations, health risks and diseases
- Operates and maintains electric, pneumatic and mechanical equipment such as cameras, drones and other technology to monitor and report on pest infestations
- Uses traps, baits and other pest control devices to capture and remove pests
- Monitors and evaluates the effectiveness of pest management activities
- May read, interpret and prepare plans, and select materials to devise and install pest management systems
- May conduct timber pest inspections and advise on and manage appropriate treatment

Unit Group

3994 Textile, Clothing and Footwear Trades Workers

Prepare patterns and materials to fabricate and repair garments, shoes, furniture coverings and other fabric, leather and canvas goods.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

399431 Apparel Cutter

Lays out, marks and cuts fabric to form parts of garments.

Skill level: 3**Main tasks**

- Consults customers to determine fabrics, styles and designs of garments
- Examines patterns and fabrics to determine appropriate cutting methods
- Measures, marks and secures fabric for cutting
- Uses cutting tools to cut fabric
- Inspects cut fabric pieces for accuracy and quality
- Organises cut fabric pieces for assembly

Occupation

399432 Canvas Goods Fabricator

Fabricates and repairs canvas and related products such as awnings, tents, tarpaulins, horse rugs and caravan annexes.

Alternative title

- Canvas Goods Maker

Skill level: 3**Main tasks**

- Consults clients to determine specifications for products
- Measures and cuts canvas to required dimensions
- Sews or welds canvas using machinery and hand tools
- Repairs and waterproofs canvas products
- Attaches fittings to canvas products
- Inspects finished products for quality and adherence to specifications
- Provides advice regarding care and maintenance of canvas products
- Orders and maintains inventories of materials

Occupation

399433 Dressmaker or Tailor

Makes, alters and repairs tailored garments, formal wear, couturier clothing and special occasion wear such as suits, dresses, coats, head wear, evening wear and bridal wear.

Specialisations

- Costume Maker

- Milliner

Skill level: 3

Main tasks

- Consults with clients to determine design preferences and fabric choices for customised garments
- Measures clients to determine their body measurements
- Sews garments together using sewing machines, sergers and hand stitching techniques
- Fits garments on clients and makes necessary alterations for an accurate fit
- Adds finishing touches to garments such as buttons, zippers and decorative elements
- Repairs or performs alterations on existing garments, such as resizing, replacing buttons, mending tears and fixing seams to meet client needs

Occupation

399434 Garment Technician

Collaborates with design teams through all aspects of technical product development, from design to manufacturing, to ensure accuracy of product measurement, quality construction, and fit of garments.

Specialisation

- Clothing Patternmaker

Skill level: 3

Main tasks

- Interprets design sketches, sample articles and design specifications to create master patterns
- Uses digital technology to create, modify and maintain patterns and pattern libraries
- Collaborates with design team to develop technical specifications for the construction of garments
- Conducts fittings and makes necessary design adjustments to ensure proper fit and comfort of garments
- Oversees the production process to ensure that garments are made according to specifications
- Adjusts pattern sizes to create a full-size range for production and ensures that proportions are maintained across all sizes
- Tests and evaluates samples and production pieces for construction integrity, sizing consistency and adherence to design specifications

Occupation

399435 Leather Goods Maker

Fabricates and repairs leather articles, such as wallets, cases, harnesses and saddlery.

Specialisation

- Saddler

Skill level: 3

Main tasks

- Selects and prepares leather materials for fabrication and repair
- Cuts, shapes and moulds leather articles according to patterns
- Assembles leather pieces using stitching, gluing and other techniques
- Adds decorative elements to leather articles, such as embossing or engraving
- Repairs damaged leather articles, and applies finishes and polishes
- Inspects finished leather articles for quality
- Maintains and cleans leatherworking tools and equipment

Occupation

399436 Sail Maker

Fabricates and repairs sails and other articles from sailcloth.

Skill level: 3

Main tasks

- Consults clients to determine sail specifications
- Measures and cuts sailcloth to required dimensions
- Fabricates or repairs sails using machines and hand tools
- Reinforces sail edges and corners with additional layers of sailcloth or stitching
- Inspects sails to ensure quality and adherence to specifications
- Provides advice regarding care and maintenance of sails

Occupation

399437 Shoemaker

Makes and repairs boots or shoes.

Specialisations

- Medical Grade Shoemaker
- Shoe Repairer

Skill level: 3

Main tasks

- Measures customers' feet for shoe size
- Designs patterns and prototypes of shoes
- Cuts and shapes shoe components to desired specifications
- Assembles shoes using adhesives, rivets or stitching
- Repairs shoes by replacing components
- Provides shoe care advice to customers

Occupation

399438 Upholsterer

Makes, rebuilds and repairs upholstered articles such as chairs, sofas, beds and mattresses.

Specialisations

- Furniture Upholsterer
- Mattress Maker

Skill level: 3

Main tasks

- Assesses items to determine the nature of upholstery required
- Consults clients regarding upholstery preferences and provides estimates of costs
- Repairs or replaces damaged upholstery
- Fits upholstery to new items of furniture
- Operates tools and equipment for upholstery work

Unit Group

3995 Wood Machinists and Other Wood Trades Workers

Set up and operate woodworking machines and wood turning lathes to shape wood stock, make, finish and polish furniture, and make picture frames and frame artworks.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

399531 Furniture Finisher

Applies finishes such as stain, lacquer, paint, oil and varnish to furniture, and polishes and waxes finished furniture surfaces.

Specialisation

- French Polisher

Skill level: 3

Main tasks

- Prepares furniture surfaces for finishing by sanding, scraping or stripping old finishes
- Mixes and applies stains, lacquers, paints, oils or varnishes to furniture surfaces
- Uses brushes, spray guns or other tools to apply finishes evenly and smoothly
- Inspects finished furniture surfaces for quality and makes any necessary touch-ups or repairs
- Polishes and waxes finished furniture surfaces to enhance shine and protect the finish

Occupation

399532 Furniture Maker

Fabricates and repairs freestanding furniture from timber, veneers, laminates and cane. Furniture Finishers are excluded from this occupation. Furniture Finishers are included in Occupation 399531 Furniture Finisher.

Skill level: 3

Main tasks

- Examines drawings, work orders and sample parts to determine specifications
- Selects and works with materials such as timber, veneers, particle board, synthetic wood and other engineered wood products
- Assembles parts to form sections of cabinets and furniture and completed articles

- Fits hinges, locks, catches, drawers, shelves and other associated hardware
- Makes frames for chairs and couches
- Applies protective coatings to cabinets and furniture
- May repair and refurbish furniture, including antiques
- May make reproduction furniture

Occupation

399533 Picture Framer

Cuts out and assembles mouldings to make picture frames, and frames paintings, photographs, needlework and other artwork.

Skill level: 3

Main tasks

- Measures and cuts mouldings to required lengths
- Assembles mouldings using various fastening methods
- Cuts and fits glass, matting and backing materials
- Mounts artwork onto backing materials with appropriate techniques
- Inspects finished frames for quality
- Adds decorative elements to enhance frame appearance
- Assists customers in selecting frames and matting

Occupation

399534 Wood Machinist

Cuts, planes, turns, shapes, lathes and sands wood stock to specifications.

Specialisations

- Automatic Profile Sander Operator
- Copy Lathe Operator
- Edge Bander Operator
- Jigmaker (Wood)
- Panel Saw Operator
- Sawmill Moulder Operator
- Wood Turner
- Woodworking Machine Setter

Skill level: 3**Main tasks**

- Sets up and operates woodworking machines and tools to produce wooden products
- Selects and measures wood stock to be cut, planed, turned, shaped, lathed or sanded
- Adjusts and calibrates woodworking machine settings to ensure accurate and precise cuts and shaping
- Monitors woodworking machine operation, and adjusts settings as necessary to maintain quality and efficiency
- Uses hand tools and power tools to shape and finish wood products
- Inspects finished wood products for defects and ensures they meet specifications

Occupation

399599 Wood Machinists and Other Wood Trades Workers nec

This occupation group covers Wood Machinists and Other Wood Trades Workers not elsewhere classified.

Skill level: 3**Occupations in this group include:**

- Cooper
- Wooden Toy Maker

Unit Group

3999 Other Miscellaneous Technicians and Trades Workers

This unit group covers Technicians and Trades Workers not elsewhere classified. It includes Boat Builders and Repairers, Divers, Fire Protection Equipment Technicians, Gas Network Technicians, Optical Mechanics, Plastics Technicians, Railway Network Controllers and Shipwrights.

OSCA skill level

The occupations in this unit group have a skill level corresponding to the qualifications and experience below.

- Skill Level 3: AQF Certificate III including at least two years of on-the-job training, AQF Certificate IV, or at least three years of relevant experience

Occupation

399931 Boat Builder and Repairer

Builds, repairs and modifies boats.

Registration or licensing may be required.

Specialisations

- Rigger (Boat)
- Yacht Builder

Skill level: 3

Main tasks

- Reads, analyses and interprets technical drawings and plans for boat construction
- Builds and repairs boats using various materials such as wood, fibreglass, carbon fibre, metal, glass, reinforced plastic and Kevlar
- Modifies boat designs and structures to meet customer requirements
- Installs and fits out boat interiors including cabinetry, fixtures and fittings
- Completes rigging fit out of new boat builds
- Repairs and replaces damaged or worn-out boat parts and components to ensure the boat is seaworthy

Occupation

399932 Diver

Swims underwater to undertake tasks such as seafood gathering, research, salvage and construction.

Registration or licensing may be required.

Specialisations

- Abalone Diver
- Clearance Diver (Navy)
- Fisheries Diver
- Hyperbaric Welder Diver
- Offshore Diver

- Onshore Diver
- Pearl Diver
- Saturation Diver
- Scientific Diver

Skill level: 3

Main tasks

- Plans and prepares for diving operations, including assessing risks and determining appropriate equipment and techniques
- Inspects and maintains diving equipment
- Enters water and swims underwater to perform tasks such as seafood gathering, research, salvage and construction
- Uses tools and equipment underwater to complete tasks
- Monitors and records data and observations during underwater tasks
- Follows safety procedures and protocols to ensure personal safety and the safety of others

Occupation

399933 Fire Protection Equipment Technician

Installs, tests and maintains fire protection equipment and systems such as extinguishers, hoses, reels, hydrants, fire blankets, exit lighting, fire and smoke doors, gaseous fire suppression systems, passive fire and smoke containment systems, and foam generating equipment.

Registration or licensing may be required.

Fire Alarm Technicians and Sprinkler fitters are excluded from this occupation. Fire Alarm Technicians are included in Occupation 382232 Electronic Equipment Trades Worker. Sprinkler fitters are included in Occupation 363932 Fire Protection Plumber.

Alternative title

- Fire Service Technician

Specialisation

- Fire Extinguisher Technician

Skill level: 3**Main tasks**

- Installs fire protection equipment and systems in accordance with industry standards
- Inspects and tests fire protection equipment and systems to ensure they are working properly
- Maintains and services fire protection equipment and systems to ensure they comply with regulations and meet performance standards
- Identifies, reports and repairs any faults or issues with fire protection equipment and systems
- Advises building owners about new fire protection equipment and systems

Occupation

399934 Gas Network Technician

Installs, inspects, maintains and responds to incidents involving gas transmission pipelines, gas distribution networks, gas storage vessels, and associated facilities and equipment.

Specialisation

- Gas Distribution Technician

Skill level: 3**Main tasks**

- Installs, inspects, modifies and maintains gas storage vessels, transmission pipelines or distribution gas networks and associated equipment
- Responds to alarms, equipment malfunctions and emergency incidents in gas distribution networks
- Conducts and assists with risk assessment in gas distribution networks, and permit issuance and compliance
- Complies with organisational safety policies and procedures involving gas distribution network infrastructure and equipment, and records relevant information

Occupation

399935 Optical Mechanic

Operates machines to grind, polish and surface optical lenses to meet prescription requirements, and fits lenses to spectacle frames.

Skill level: 3**Main tasks**

- Operates machines to shape and smooth optical lenses
- Inspects lenses to ensure they meet prescription requirements
- Selects and assembles optical elements for instruments or spectacles, and fits them into position
- Scrapes, files and laps mounts of instrument to align optical elements
- Centres, focuses, adjusts and calibrates instrument on standard targets
- Anchors lenses and other optical elements with adhesives or retaining rings

Occupation

399936 Plastics Technician

Programs, adjusts, repairs, maintains and troubleshoots machines which manufacture plastic products.

Skill level: 3**Main tasks**

- Programs production machinery, using knowledge of polymers, additives and other materials
- Inspects, calibrates and regulates machines, and conducts ongoing basic quality control tests
- Troubleshoots, repairs and adjusts machines which manufacture plastic products
- Prepares production and maintenance schedules to minimise downtime and maximise productivity
- Recommends technical design or process changes to improve efficiency, quality or performance
- Completes routine quality checks on the product, such as dimensional checks, hardness, clarity of colour and appearances
- Coordinates production and workflow processes, and keeps records of operational or production data

Occupation

399937 Railway Network Controller

Oversees the safe operation of a railway network using a computerised train control signalling system.

Railway Signal Operators are excluded from this occupation. Railway Signal Operators are included in Occupation 732935 Railway Signal Operator.

Skill level: 3

Main tasks

- Assesses and approves the movement of trains to ensure the safe operation of a rail network, based on the status of railway signals
- Authorises and controls any activity taking place on railway tracks, including maintenance work
- Communicates with Railway Signal Operators to carry out alterations to signals as required
- Records movements of trains
- Minimises delays caused by rail network disruptions
- Recommends suitable alternative services during disruptions
- Liaises with emergency services in response to accidents or disruptions

Occupation

399938 Shipwright

Constructs, fits out and repairs ships.

Registration or licensing is required.

Skill level: 3

Main tasks

- Studies and understands detailed design drawings and specifications for ships
- Chooses appropriate materials for constructing various parts of ships considering strength, durability and weight
- Constructs ship frameworks, hulls and decks using hand and power tools and advanced machinery, ensuring accurate alignment and fitting
- Fits and installs parts of ships such as engines, propellers and navigation equipment in compliance with design specifications
- Repairs and maintains ships to ensure they are seaworthy
- Inspects and tests ships structures and systems for quality and functionality

Occupation

399999 Technicians and Trades Workers nec

This occupation group covers Technicians and Trades Workers not elsewhere classified.

Skill level: 3

Occupations in this group include:

- Coffee Machine Technician
- Electrical Network Controller
- Fibre Composite Technician
- Glass Blower
- Hide and Skin Classer
- Parachute Rigger
- Pyrotechnician
- Range Operator (Defence)
- Ski Technician
- Surfboard Maker