

CPC08 development - Unit of Competency nominal hours

Code	Competency	Nom Hours
BCCBS2001B	Conduct tack coat spraying operations	20
BCCBS2002B	Hand spread asphalt	18
BCCBS2003B	Safely handle bituminous materials	18
BCCCM2004B	Drain and dewater site	12
BCCCM2007B	Spread and compact materials manually	12
BCCCM2009B	Work in confined spaces	30
BCCCM2010B	Install trench support	16
BCCCM2013C	Control traffic with a stop-slow bat	8
BCCCM3003B	Implement traffic management plan	20
BCCFW3001B	Construct underpinning	60
BCCPO3003B	Conduct excavator operations	200
BCCPO3008B	Conduct skid steer loader operations	80
BSBADM506B	Manage business document design and development	80
BSBCM404A	Develop teams and individuals	40
BSBCM412A	Promote innovation and change	50
BSBCUS301A	Deliver and monitor a service to customers	20
BSBCUS402A	Address customer needs	50
BSBCUS501A	Manage quality customer service	40
BSBFIM501A	Manage budgets and financial plans	70
BSBHRM402A	Recruit, select and induct staff	50
BSBHRM509A	Manage rehabilitation or return-to-work programs	50
BSBINN301A	Promote innovation in a team environment	40
BSBINN502A	Build and sustain an innovative work environment	50
BSBITS401A	Maintain business technology	40
BSBITU201A	Produce simple word processed documents	60
BSBITU202A	Create and use simple spreadsheets	30
BSBITU301A	Create and use databases	30
BSBITU401A	Design databases	60
BSBITU402A	Develop and use complex spreadsheets	50
BSBITU404A	Produce complex desktop published documents	50
BSBLED502A	Manage programs that promote personal effectiveness	60
BSBMGT403A	Implement continuous improvement	40
BSBMGT502B	Manage people performance	70
BSBMGT515A	Manage operational plan	60
BSBMGT617A	Develop and implement a business plan	60
BSBMKG414A	Undertake marketing activities	50
BSBMKG609A	Develop a marketing plan	50
BSBOHS201A	Participate in OHS processes	20
BSBOHS403B	Identify hazards and assess OHS risks	60
BSBOHS404B	Contribute to the implementation of strategies to control OHS risk	40
BSBOHS504B	Apply principles of OHS risk management	40
BSBOHS603B	Analyse and evaluate OHS risk	40
BSBPMG404A	Apply quality management techniques	30
BSBPMG407A	Apply risk management techniques	40
BSBPMG504A	Manage project costs	40
BSBPMG505A	Manage project quality	40
BSBPMG507A	Manage project communications	40
BSBPMG508A	Manage project risk	40
BSBPMG510A	Manage projects	60
BSBRES401A	Analyse and present research information	40
BSBRSK501A	Manage risk	60
BSBSLS403A	Present a sales solution	60

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Code	Competency	Nom Hours
BSBSLS404A	Secure prospect commitment	20
BSBSLS502A	Lead and manage a sales team	60
BSBSMB301A	Investigate micro business opportunities	30
BSBSMB401A	Establish legal and risk management requirements of small business	60
BSBSMB402A	Plan small business finances	50
BSBSMB404A	Undertake small business planning	50
BSBSMB405A	Monitor and manage small business operations	45
BSBSMB406A	Manage small business finances	60
BSBSMB407A	Manage a small team	40
BSBWOR401A	Establish effective workplace relationships	50
BSBWOR402A	Promote team effectiveness	50
BSBWOR501A	Manage personal work priorities and professional development	60
BSBWOR502A	Ensure team effectiveness	60
BSBWRT401A	Write complex documents	50
CHCCOM3C	Utilise specialist communication skills to build strong relationships	50
CHCCOM4B	Develop, implement and promote effective communication techniques	75
CHCCS405A	Work effectively with culturally diverse clients and co-workers	30
CPCCBC4001A	Apply building codes and standards to the construction process for low rise building projects	40
CPCCBC4002A	Manage occupational health and safety in the building and construction workplace	40
CPCCBC4003A	Select and prepare a construction contract	40
CPCCBC4004A	Identify and produce estimated costs for building and construction projects	60
CPCCBC4005A	Produce labour and material schedules for ordering	40
CPCCBC4006A	Select, procure and store construction materials for low rise projects	40
CPCCBC4007A	Plan building or construction work	40
CPCCBC4008A	Conduct on-site supervision of building and construction projects	40
CPCCBC4009A	Apply legal requirements to building and construction projects	50
CPCCBC4010A	Apply structural principles to residential low rise constructions	160
CPCCBC4011A	Apply structural principles to commercial low rise constructions	80
CPCCBC4012A	Read and interpret plans and specifications	30
CPCCBC4013A	Prepare and evaluate tender documentation	20
CPCCBC4014A	Prepare simple building sketches and drawings	40
CPCCBC4015A	Prepare specifications for all construction works	20
CPCCBC4016A	Administer a construction contract	20
CPCCBC4017A	Arrange resources and prepare for the building or construction project	20
CPCCBC4018A	Apply site surveys and set-out procedures to building and construction projects	40
CPCCBC4019A	Apply sustainable building design principles to water management systems	40
CPCCBC4020A	Build thermally efficient and sustainable structures	40
CPCCBC4021A	Minimise waste on the building and construction site	20
CPCCBC4022A	Supervise tilt-up work	40
CPCCBC4023A	Plan and undertake site inspection and assessment of asbestos products and materials	30
CPCCBC4024A	Resolve business disputes	20
CPCCBC4025A	Manage personal work priorities and professional development	20
CPCCBC4026A	Arrange building applications and approvals	20
CPCCBC4027A	Establish a basis for sales consulting	20
CPCCBC4028A	Prepare design brief for construction works	20
CPCCBC4029A	Apply construction information to the sales process	20
CPCCBC4030A	Analyse and communicate industry information	20
CPCCBC4031A	Process client requirements	20
CPCCBC4032A	Apply contract law to sales processes	20
CPCCBC4033A	Maintain the sales environment	20

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Code	Competency	Nom Hours
CPCCBC4034A	Apply codes and standards to building trade and services contracting	40
CPCCBC4035A	Initiate the heritage works process	20
CPCCBC4036A	Prepare to undertake the heritage restoration process	40
CPCCBC4037A	Prepare drawings for heritage works	40
CPCCBC4038A	Prepare work plans for restoration work	20
CPCCBC4039A	Undertake the heritage restoration process	40
CPCCBC4040A	Prepare report for heritage restoration work	20
CPCCBC4041A	Undertake preparations for refractory work	14
CPCCBC4042A	Construct a fire brick wall and arch using refractory materials	30
CPCCBC4043A	Operate a self-erecting tower crane	40
CPCCBC4044A	Operate a tower crane	64
CPCCBC4045A	Perform advanced rigging	100
CPCCBC4046A	Erect and dismantle advanced scaffolding	40
CPCCBC4047A	Quality assure fire-rated lining systems	40
CPCCBC4048A	Apply building codes and standards to the construction process for swimming pools and spas	40
CPCCBC4049A	Apply structural principles to construction of swimming pools and spas	30
CPCCBC4050A	Select, procure and store construction materials for swimming pools and spa projects	24
CPCCBC5001A	Apply building codes and standards to the construction process for medium rise building projects	200
CPCCBC5002A	Monitor costing systems on medium rise building and construction projects	60
CPCCBC5003A	Supervise the planning of on-site medium rise building or construction work	200
CPCCBC5004A	Supervise and apply quality standards to the selection of building and construction materials	60
CPCCBC5005A	Select and manage building and construction contractors	40
CPCCBC5006A	Apply site surveys and set-out procedures to medium rise building projects	110
CPCCBC5007A	Administer the legal obligations of a building or construction contract	100
CPCCBC5008A	Apply structural principles to the construction of medium rise buildings	300
CPCCBC5009A	Identify services layout and connection methods to medium rise construction projects	140
CPCCBC5010A	Manage construction work	150
CPCCBC5011A	Manage environmental management practices and processes in building and construction	150
CPCCBC5012A	Manage the application and monitoring of energy conservation and management practices and processes	150
CPCCBC5013A	Develop professional technical and legal reports on building and construction projects	40
CPCCBC6001A	Apply building codes and standards to the construction process for large building projects	100
CPCCBC6002A	Generate and direct the development of new projects	200
CPCCBC6003A	Establish, maintain and review contract administration procedures and frameworks	60
CPCCBC6004A	Manage processes for and legal obligations of a building or construction contract	60
CPCCBC6005A	Manage tender developments for major projects	50
CPCCBC6006A	Manage the procurement and acquisition of resources for building or construction projects	50
CPCCBC6007A	Develop, plan and implement appropriate building or construction environmental management practices and processes	50
CPCCBC6008A	Develop and implement an appropriate estimating and tendering system	60
CPCCBC6009A	Develop, plan and implement an appropriate building or construction planning process	50

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Code	Competency	Nom Hours
CPCCBC6010A	Plan, develop and implement building or construction energy conservation and management practices and processes	200
CPCCBC6011A	Establish systems to develop and monitor building and construction costs	80
CPCCBC6012A	Manage and administer development of documentation for building or construction projects	40
CPCCBC6013A	Evaluate materials for multi-storey buildings	60
CPCCBC6014A	Apply structural principles to the construction of large, high rise and complex buildings	100
CPCCBC6015A	Apply building surveying procedures	50
CPCCBC6016A	Assess construction faults in large building projects	50
CPCCBC6017A	Evaluate services layout and connection methods for the planning of large building projects	100
CPCCBL2001A	Handle and prepare bricklaying and blocklaying materials	16
CPCCBL2002A	Use bricklaying and blocklaying tools and equipment	30
CPCCBL3001A	Lay paving	24
CPCCBL3002A	Carry out masonry veneer construction	60
CPCCBL3003A	Carry out cavity brick construction	60
CPCCBL3004A	Construct masonry steps and stairs	32
CPCCBL3005A	Lay masonry walls and corners	76
CPCCBL3006A	Lay multi-thickness walls and piers	60
CPCCBL3007A	Install glass blockwork	8
CPCCBL3008A	Install aerated autoclaved concrete products	40
CPCCBL3009A	Install flashings and damp proof course	8
CPCCBL3010A	Construct masonry arches	100
CPCCBL3011A	Construct curved walls	32
CPCCBL3012A	Construct fireplaces and chimneys	48
CPCCBL3013A	Construct masonry structural systems	40
CPCCBL3014A	Install fire-rated masonry construction	32
CPCCBL3015A	Construct decorative brickwork	70
CPCCBL3016A	Construct battered masonry walls and piers	32
CPCCBL3017A	Carry out tuck pointing to brickwork	12
CPCCCA2001A	Handle carpentry materials	16
CPCCCA2002A	Use carpentry tools and equipment	96
CPCCCA2003A	Erect and dismantle formwork for footings and slabs on ground	24
CPCCCA3001A	Carry out general demolition of minor building structures	32
CPCCCA3002A	Carry out setting out	24
CPCCCA3003A	Install flooring systems	40
CPCCCA3004A	Construct wall frames	60
CPCCCA3005A	Construct ceiling frames	32
CPCCCA3006A	Erect roof trusses	40
CPCCCA3007A	Construct pitched roofs	60
CPCCCA3008A	Construct eaves	20
CPCCCA3009A	Construct advanced roofs	80
CPCCCA3010A	Install and replace windows and doors	70
CPCCCA3011A	Refurbish timber sashes to window frames	16
CPCCCA3012A	Frame and fit wet area fixtures	24
CPCCCA3013A	Install lining, panelling and moulding	40
CPCCCA3014A	Construct bulkheads	16
CPCCCA3015A	Assemble partitions	32
CPCCCA3016A	Construct timber external stairs	40
CPCCCA3017A	Install exterior cladding	20
CPCCCA3018A	Construct, erect and dismantle formwork for stairs and ramps	40

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Code	Competency	Nom Hours
CPCCCA3019A	Erect and dismantle formwork to suspended slabs, columns, beams and walls	40
CPCCCA3020A	Erect and dismantle jump form formwork	60
CPCCCA3021A	Erect and dismantle slip form formwork	60
CPCCCA3022A	Install curtain walling	40
CPCCCA3023A	Carry out levelling operations	24
CPCCCM1001A	Undertake basic estimation and costing	16
CPCCCM1002A	Work effectively and sustainably in the construction industry	20
CPCCCM1003A	Plan and organise work	20
CPCCCM1004A	Conduct workplace communication	20
CPCCCM1005A	Carry out measurements and calculations	20
CPCCCM1006A	Work safely at heights	8
CPCCCM1007A	Carry out tilt-up work safely	8
CPCCCM2001A	Read and interpret plans and specifications	36
CPCCCM2002A	Carry out excavation	16
CPCCCM2003A	Calculate and cost construction work	20
CPCCCM2004A	Handle construction materials	16
CPCCCM2005A	Use construction tools and equipment	96
CPCCCM2006A	Apply basic levelling procedures	8
CPCCCM2007A	Use explosive power tools	16
CPCCCM2008A	Erect and dismantle restricted height scaffolding	40
CPCCCM2009A	Carry out basic demolition	32
CPCCCM3001A	Operate elevated work platforms	32
CPCCCM3002A	Operate a truck mounted loading crane	40
CPCCCM3003A	Work safely around power sources, services and assets	40
CPCCCO2001A	Handle concreting materials	24
CPCCCO2002A	Use concreting tools and equipment	80
CPCCCO2003A	Carry out concreting to simple forms	20
CPCCCO2004A	Carry out concrete work	120
CPCCCO3001A	Place concrete	180
CPCCCO3002A	Finish concrete	180
CPCCCO3003A	Cure concrete	16
CPCCCO3004A	Carry out decorative finishes to concrete	32
CPCCCO3005A	Resurface concrete	16
CPCCCO3006A	Carry out repair and rectification of concrete	36
CPCCCO3007A	Cut and core concrete	16
CPCCCO3008A	Carry out tilt panel construction	32
CPCCCO3009A	Apply and finish sprayed concrete	16
CPCCCO3010A	Carry out high performance concreting	16
CPCCCO3011A	Conduct off-form vertical concrete operations	32
CPCCCO3012A	Conduct concrete boom delivery operations	160
CPCCCO3013A	Slump test concrete	40
CPCCCO3014A	Conduct concrete agitator truck operations	40
CPCCDE2001A	Use demolition tools and equipment	40
CPCCDE2002A	Carry out manual general demolition	40
CPCCDE3001A	Carry out mechanical general demolition	24
CPCCDE3002A	Encapsulate and remove asbestos	40
CPCCDE3003A	Operate a crushing plant	30
CPCCDO2001A	Handle and use dogging tools and equipment	8
CPCCDO3001A	Perform dogging	80
CPCCDO3002A	Perform crane scheduling	40
CPCCJN2001A	Assemble components	32
CPCCJN2002A	Prepare for off-site manufacturing process	32

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Code	Competency	Nom Hours
CPCCJN2003A	Package manufactured products for transport	10
CPCCJN2010A	Maintain inventory and control stock	8
CPCCJN2012A	Package manufactured products for transport	10
CPCCJN2013A	Assemble components	32
CPCCJN3001A	Use static machines	56
CPCCJN3002A	Use computer-controlled machinery	60
CPCCJN3003A	Manufacture components for door and window frames and doors	80
CPCCJN3004A	Manufacture joinery components	40
CPCCJN3005A	Cut and install glass	16
CPCCJS3001A	Design and set out stairs	24
CPCCJS3002A	Manufacture stair components for straight flighted stairs	32
CPCCJS3003A	Assemble and install stairs	24
CPCCJS3004A	Manufacture and install continuous handrailing and special stair components	56
CPCCJS3005A	Manufacture stair components for curved and geometric stairs	56
CPCCJS3006A	Construct fabricated stairs	24
CPCCIBM3001A	License to operate a concrete placing boom	160
CPCCLDG3001A	License to perform dogging	80
CPCCLHS3001A	License to operate a personnel and materials hoist	32
CPCCLHS3002A	License to operate a materials hoist	24
CPCCLRG3001A	License to perform rigging – basic level	196
CPCCLRG3002A	License to perform rigging – intermediate level	40
CPCCLRG4001A	License to perform rigging – advanced level	40
CPCCLSF2001A	License to erect, alter and dismantle scaffolding – basic level	40
CPCCLSF3001A	License to erect, alter and dismantle scaffolding – intermediate level	40
CPCCLSF4001A	License to erect, alter and dismantle scaffolding – advanced level	40
CPCC LTC4001A	License to operate a tower crane	40
CPCC LTC4002A	License to operate a self-erecting tower crane	80
CPCCOHS1001A	Work safely in the construction industry	6
CPCCOHS2001A	Apply OHS requirements, policies and procedures in the construction industry	20
CPCCPA3001A	Prepare subgrade, base and bedding course for segmental paving	16
CPCCPA3002A	Lay segmental pavers	40
CPCCPA3003A	Cut segmental pavers	8
CPCCPA3004A	Finish segmental paving	8
CPCCPA3005A	Maintain and repair segmental paving	12
CPCCPB3001A	Fix standard plasterboard wall sheets	60
CPCCPB3002A	Fix standard plasterboard ceiling sheets	60
CPCCPB3003A	Fix battens	20
CPCCPB3004A	Fix wet area sheets	20
CPCCPB3005A	Fix ceiling sheets to external protected areas	40
CPCCPB3006A	Fix fibre cement board	20
CPCCPB3007A	Apply levels of finish standards to planning and inspection of own work	40
CPCCPB3008A	Mix plastering compounds	20
CPCCPB3009A	Finish plasterboard joins manually	60
CPCCPB3010A	Manually sand plaster work	16
CPCCPB3011A	Finish category 1 and 2 wet areas	20
CPCCPB3012A	Cut and fix paper-faced cornices	40
CPCCPB3013A	Plan travel routes	10
CPCCPB3014A	Install batt insulation products	16
CPCCPB3015A	Install acoustic and thermal environmental protection systems	20
CPCCPB3016A	Install and finish columns	40
CPCCPB3017A	Rectify faults in plaster applications	20
CPCCPB3018A	Use vacuum and electric sanding equipment to finish plaster work	60

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Code	Competency	Nom Hours
CPCCPB3019A	Inspect equipment for serviceability	10
CPCCPB3020A	Match, mitre and install cast ornamental cornices	60
CPCCPB3021A	Install and fix residential acoustic plaster products	40
CPCCPB3022A	Use mechanical jointing equipment to finish joints	60
CPCCPB3023A	Load and unload plaster and plaster-related products	6
CPCCPB3024A	Use manual handling equipment to manoeuvre plaster products	10
CPCCPB3025A	Store plasterboard and related products	10
CPCCPB3026A	Erect and maintain trestle and plank systems	10
CPCCPD2001A	Handle painting and decorating materials	16
CPCCPD2002A	Use painting and decorating tools and equipment	80
CPCCPD2003A	Remove and replace doors and door and window components	4
CPCCPD3001A	Prepare surfaces for painting	40
CPCCPD3002A	Apply paint by brush and roller	100
CPCCPD3003A	Apply texture coat paint finishes by brush, roller and spray	40
CPCCPD3004A	Apply paint by spray	80
CPCCPD3005A	Match specified paint colour	50
CPCCPD3006A	Apply stains and clear timber finishes	40
CPCCPD3007A	Apply wallpaper	50
CPCCPD3008A	Apply decorative paint finishes	114
CPCCPD3009A	Remove graffiti and apply protective coatings	30
CPCCPD3010A	Apply protective paint coating systems	30
CPCCPD3011A	Apply lead paint and asbestos management	20
CPCCPD3012A	Apply advanced wallpaper techniques	30
CPCCPD3013A	Apply intumescent coatings	50
CPCCPD3014A	Apply advanced decorative paint finishes	40
CPCCRI3001A	Operate personnel and materials hoists	32
CPCCRI3002A	Perform basic rigging	40
CPCCRI3003A	Perform intermediate rigging	40
CPCCRI3004A	Perform advanced structural steel erection	24
CPCCRI3005A	Perform advanced tilt-up slab erection	24
CPCCRI3006A	Perform advanced tower crane erection	16
CPCCRT2001A	Handle roof tiling materials	16
CPCCRT2002A	Use roof tiling tools and equipment	16
CPCCRT3001A	Tile regular roofs	48
CPCCRT3002A	Tile irregular roofs	84
CPCCRT3003A	Repair and replace valleys, valley irons and flashings	8
CPCCRT3004A	Repair and renovate tile roofs	20
CPCCRT3005A	Slate a roof	48
CPCCRT3006A	Fix shingles to roofs and facades	24
CPCCSC2001A	Safely handle and use scaffolding tools and equipment	8
CPCCSC2002A	Erect and dismantle basic scaffolding	56
CPCCSC3001A	Erect and dismantle intermediate scaffolding	56
CPCCSF2001A	Handle steelfixing materials	24
CPCCSF2002A	Use steelfixing tools and equipment	80
CPCCSF2003A	Cut and bend materials using oxy-LPG equipment	20
CPCCSF2004A	Place and fix reinforcement materials	80
CPCCSF2005A	Arc weld reinforcement steel	40
CPCCSF2006A	Machine cut reinforcement materials	20
CPCCSF2007A	Splice and anchor using mechanical methods	50
CPCCSF3001A	Apply reinforcement schedule	16
CPCCSF3002A	Carry out monostrand post-tensioning	40
CPCCSF3003A	Carry out multistrand post-tensioning	40

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Code	Competency	Nom Hours
CPCCSF3004A	Carry out stressbar post-tensioning	20
CPCCSH2001A	Prepare surfaces	32
CPCCSH2002A	Use aluminium sections for fabrication	40
CPCCSH2003A	Apply and install sealant and sealant devices	16
CPCCSH3001A	Set out and assemble cabinets, showcases, wall units, counters and workstations	80
CPCCSH3002A	Set out and fabricate shopfront commercial entries bulkheads and component fittings	56
CPCCSH3003A	Assemble and install shopfront commercial entries bulkheads and components	40
CPCCSH3004A	Apply finishes	16
CPCCSH3005A	Apply and trim decorative finishes	40
CPCCSI2001A	Use colour for signage	24
CPCCSI2002A	Lay out and design signage	40
CPCCSI2003A	Prepare surfaces for signage	20
CPCCSI2004A	Produce digital signage	36
CPCCSI2005A	Fabricate signage	40
CPCCSI2006A	Signwrite to simple forms	76
CPCCSI2007A	Apply fasteners and fixings	16
CPCCSI3001A	Produce vinyl signage	36
CPCCSI3002A	Use rotary router	20
CPCCSI3003A	Signwrite to decorative forms	92
CPCCSI3004A	Apply advanced vinyl applications	40
CPCCSI3005A	Use engraving systems	40
CPCCSI3006A	Apply gilding to signage	40
CPCCSI3007A	Apply lines and scrolls	48
CPCCSI3008A	Write showcards and chalkboards	36
CPCCSI3009A	Screen-print signage	36
CPCCSI3010A	Hand render pictorials	36
CPCCSI3011A	Use LED technology for signage	40
CPCCSI3012A	Apply electrical theory for illuminated signage	8
CPCCSI3013A	Install LED systems	40
CPCCSI3014A	Manufacture gas-charged glass-formed illuminated signage	200
CPCCSP2001A	Handle solid plastering materials	8
CPCCSP2002A	Use solid plastering tools and equipment	80
CPCCSP2003A	Prepare surfaces for plastering	40
CPCCSP3001A	Apply float and render to straight and curved surfaces	100
CPCCSP3002A	Apply set coats	40
CPCCSP3003A	Apply trowelled texture coat finishes	80
CPCCSP3004A	Restore and renovate solid plasterwork	120
CPCCSP3005A	Install pre-cast decorative mouldings	120
CPCCSP3006A	Install cast plaster blockwork	16
CPCCSP3007A	Apply plaster by projection machine	32
CPCCST2001A	Prepare for stonemasonry construction process	20
CPCCST2002A	Identify and use stone products	8
CPCCST2003A	Finish stone	12
CPCCST2004A	Lay stone	32
CPCCST2005A	Carry out load slinging of off-site materials	8
CPCCST3001A	Dress and mould stone	4
CPCCST3002A	Shape solid stone	32
CPCCST3003A	Split stone manually	8
CPCCST3004A	Dress stone manually	32
CPCCST3005A	Carry out profile work	40
CPCCST3006A	Machine stone	20

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Code	Competency	Nom Hours
CPCCST3007A	Turn stone	32
CPCCST3008A	Inlay lead to stone	20
CPCCST3009A	Use computer-controlled static machinery to produce stone components	32
CPCCST3010A	Set out and cut letters in stone	32
CPCCST3011A	Plan monument construction	12
CPCCST3012A	Build stone veneer walls	32
CPCCST3013A	Carry out cemetery monument fixing	32
CPCCST3014A	Set and anchor stone facades	32
CPCCSV5001A	Assess the construction of domestic scale buildings	100
CPCCSV5002A	Evaluate materials for construction of domestic scale buildings	72
CPCCSV5003A	Produce working drawings for residential buildings	90
CPCCSV5004A	Apply legislation to urban development and building controls	36
CPCCSV5005A	Apply footing and geomechanical design principles to domestic scale buildings	36
CPCCSV5006A	Assess construction faults in residential buildings	36
CPCCSV5007A	Undertake site surveys and set-out procedures for building projects	72
CPCCSV5008A	Apply building control legislation to building surveying	36
CPCCSV5009A	Assess the impact of fire on building materials	36
CPCCSV5010A	Interact with clients in a regulated environment	36
CPCCSV5011A	Apply building codes and standards to residential buildings	36
CPCCSV5012A	Assess timber-framed designs for one and two storey buildings	36
CPCCSV5013A	Apply principles of energy efficient design to buildings	36
CPCCSV5014A	Apply building surveying procedures to residential buildings	36
CPCCSV5015A	Assess structural requirements for domestic scale buildings	72
CPCCSV6001A	Assess the construction of buildings up to three storeys	72
CPCCSV6002A	Produce working drawings for buildings up to three storeys	40
CPCCSV6003A	Assess construction faults in buildings up to three storeys	40
CPCCSV6004A	Apply footing and geomechanical design principles to buildings up to three storeys	40
CPCCSV6005A	Evaluate services layout and connection methods for residential and commercial buildings up to three storeys	40
CPCCSV6006A	Evaluate the use of concrete for residential and commercial buildings up to three storeys	40
CPCCSV6007A	Assess structural requirements for buildings up to three storeys	40
CPCCSV6008A	Apply building codes and standards to buildings up to three storeys	72
CPCCSV6009A	Implement performance-based codes and risk management principles for buildings up to three storeys	72
CPCCSV6010A	Apply fire technology to buildings up to three storeys	40
CPCCSV6011A	Apply legal procedures to building surveying	40
CPCCSV6012A	Facilitate community development consultation	40
CPCCSV6013A	Coordinate building refurbishment	72
CPCCSV6014A	Manage and plan land use	40
CPCCSV6015A	Analyse and present building surveying research information	90
CPCCSV6016A	Apply building surveying procedures to buildings up to three storeys	90
CPCCVE1001A	Undertake a basic construction project	40
CPCCVE1002A	Undertake a basic computer design project	36
CPCCWC2001A	Complete penetrations and flashings	20
CPCCWC3001A	Install and finish plasterboard and fibre cement sheeting to curved walls and ceilings	40
CPCCWC3002A	Install and finish plasterboard and fibre cement sheeting to arches	60
CPCCWC3003A	Install dry wall passive fire-rated systems	40
CPCCWC3004A	Install suspended ceilings	40
CPCCWF2001A	Handle wall and floor tiling materials	32
CPCCWF2002A	Use wall and floor tiling tools and equipment	96

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Code	Competency	Nom Hours
CPCCWF3001A	Prepare surfaces for tiling application	40
CPCCWF3002A	Fix floor tiles	120
CPCCWF3003A	Fix wall tiles	140
CPCCWF3004A	Repair wall and floor tiles	40
CPCCWF3005A	Carry out decorative tiling	40
CPCCWF3006A	Carry out mosaic tiling	40
CPCCWF3007A	Tile curved surfaces	80
CPCCWF3008A	Tile domestic pools and spas	100
CPCCWP2001A	Handle waterproofing materials	24
CPCCWP2002A	Use waterproofing tools and equipment	60
CPCCWP2003A	Prepare for construction waterproofing process	100
CPCCWP2004A	Prepare surfaces for waterproofing application	100
CPCCWP3001A	Apply waterproofing process to below ground level wet areas	50
CPCCWP3002A	Apply waterproofing process to internal wet areas	50
CPCCWP3003A	Apply waterproofing process to external wet areas	50
CPCCWP3004A	Apply waterproofing remedial processes	50
CPCPCM2001A	Work effectively in the plumbing and services sector	12
CPCPCM2002A	Carry out interactive workplace communication	10
CPCPCM2003A	Carry out OHS requirements	36
CPCPCM2004A	Read plans and calculate plumbing quantities	8
CPCPCM2005A	Handle and store plumbing materials	6
CPCPCM2006A	Use plumbing hand and power tools	40
CPCPCM2007A	Carry out levelling	6
CPCPCM2008A	Cut and join sheet metal	8
CPCPCM2009A	Cut using oxy-LPG-acetylene equipment	8
CPCPCM2010A	Mark out materials	20
CPCPCM2011A	Apply first aid in the workplace	8
CPCPCM2012A	Weld using oxy-acetylene equipment	16
CPCPCM2013A	Weld using arc welding equipment	16
CPCPCM2014A	Carry out simple concreting and rendering	16
CPCPCM3001A	Flash penetrations through roofs and walls	18
CPCPCM3002A	Weld plastic pipe using fusion method	8
CPCPCM3003A	Fabricate and install non-ferrous pressure piping	12
CPCPCM4001A	Carry out work based risk control processes	24
CPCPCM4002A	Estimate and cost work	40
CPCPCM4003A	Produce 2-D architectural drawings using CAD software	40
CPCPCM4004A	Prepare simple sketches and drawings	20
CPCPCM5000A	Design complex sanitary plumbing and drainage systems	60
CPCPCM5001A	Design complex cold water systems	60
CPCPCM5002A	Design complex stormwater and roof drainage systems	40
CPCPCM5003A	Design complex (non-solar) hot water systems	60
CPCPCM5004A	Design sewer systems	60
CPCPDR2001A	Locate and clear blockages	8
CPCPDR2002A	Install domestic treatment plants	16
CPCPDR2003A	Maintain effluent disinfection systems	4
CPCPDR2004A	Install stormwater and sub-soil drainage systems	8
CPCPDR2005A	Drain work site	4
CPCPDR2006A	Install prefabricated inspection openings and enclosures	4
CPCPDR3001A	Plan layout of a residential external sanitary drainage system	8
CPCPDR3002A	Install below ground sanitary drainage systems	26
CPCPDR3003A	Install on-site disposal systems	8
CPCPDR3004A	Install water mains pipe systems	12

CPC08 development - Unit of Competency nominal hours

Code	Competency	Nom Hours
CPCPDR4001A	Plan, size and lay out sanitary drainage systems	40
CPCPDR4002A	Plan, size and lay out stormwater drainage systems	40
CPCPDR4003A	Plan, size and lay out domestic treatment plant disposal systems	30
CPCPFS2001A	Connect static storage tanks	60
CPCPFS2002A	Install portable fire equipment	24
CPCPFS3001A	Fabricate and install fire hydrant and hose reel systems	40
CPCPFS3002A	Install distribution and range pipes	80
CPCPFS3003A	Fit off sprinkler heads, controls and ancillary equipment	40
CPCPFS3004A	Install control valve assemblies, actuating devices and local alarms	100
CPCPFS3005A	Test fire protection systems for pressure	16
CPCPFS3006A	Install special hazard systems	40
CPCPFS3007A	Install domestic and residential life safety sprinkler systems	60
CPCPFS3008A	Test and maintain fire hydrant and hose reel installations	60
CPCPFS3009A	Test and maintain automatic fire sprinklers	60
CPCPFS3010A	Design pre-calculated fire sprinkler systems	60
CPCPFS4001A	Commission domestic and residential fire suppression sprinkler systems	16
CPCPFS4002A	Commission and maintain special hazard fire suppression systems	20
CPCPFS4003A	Commission fire system pump sets	16
CPCPFS4004A	Design residential and domestic fire sprinkler systems	48
CPCPFS4005A	Commission fire alarm and detection systems	60
CPCPFS4006A	Commission firefighting appliances	64
CPCPFS5000A	Design fire-compliant hydraulic services	340
CPCPFS5001A	Design fire sprinkler systems	440
CPCPFS5002A	Design fire hydrant and hose reel systems	384
CPCPGS3001A	Install gas piping systems	24
CPCPGS3002A	Size consumer gas piping systems	8
CPCPGS3003A	Install and commission Type A gas appliances	20
CPCPGS3004A	Install LPG storage of aggregate storage capacity up to 500 litres	4
CPCPGS3005A	Install LPG storage of aggregate storage capacity exceeding 500 litres and less than 8KL	6
CPCPGS3006A	Install LPG systems in caravans, mobile homes, water craft and mobile workplaces	16
CPCPGS3007A	Install gas detection devices	4
CPCPGS3008A	Install gas pressure control equipment	8
CPCPGS3009A	Install Type A gas appliance flues	12
CPCPGS3010A	Install Type B gas appliance flues	4
CPCPGS3011A	Purge consumer piping	8
CPCPGS3012A	Maintain Type A gas appliances	8
CPCPGS3013A	Disconnect and reconnect Type A gas appliances	16
CPCPGS3014A	Calculate and install natural ventilation for Type A gas appliances	8
CPCPGS3015A	Install subsidiary gas meters	4
CPCPGS4001A	Plan, size and lay out consumer gas installations	60
CPCPGS4002A	Service Type A gas appliances	180
CPCPGS4003A	Install, commission and service Type B gas appliances	138
CPCPIG2001A	Design domestic urban irrigation systems	4
CPCPIG3001A	Set out, install and commission irrigation systems	4
CPCPIG3002A	Install and commission domestic irrigation pumps	4
CPCPMS2001A	Assemble mechanical services components	12
CPCPMS3001A	Fabricate and install steel pressure piping	50
CPCPMS3002A	Select and fit insulation and sheathing	8
CPCPMS3003A	Install small bore heating systems	12
CPCPMS3004A	Install medical gas pipeline systems	24
CPCPMS3005A	Install and test ducting systems	12

CPC08 development - Unit of Competency nominal hours

Code	Competency	Nom Hours
CPCPMS3006A	Install air handling units	12
CPCPMS3007A	Install and test split system air conditioning	12
CPCPMS3008A	Install air conditioning control equipment	8
CPCPMS3009A	Maintain mechanical services equipment	8
CPCPMS3010A	Install and maintain evaporative air cooling systems	20
CPCPMS4001A	Plan, size and lay out heating and cooling systems	160
CPCPMS4002A	Commission air and water systems	132
CPCPMS4003A	Design compressed air systems	40
CPCPMS5000A	Design steam distribution systems	40
CPCPMS5001A	Design air conditioning and ventilation systems	40
CPCPMS5002A	Design sound attenuated hydraulic services	40
CPCPMS5003A	Design hydronic heating and cooling systems	80
CPCPPS5000A	Design gas bulk storage systems	80
CPCPPS5001A	Design industrial gas systems	300
CPCPPS5002A	Design gas reticulation systems	160
CPCPPS5003A	Design solar water heating systems	40
CPCPPS5004A	Conduct a water audit and identify water-saving initiatives	30
CPCPPS5005A	Design grey water re-use systems in sewerred areas	30
CPCPPS5006A	Design rainwater collection, storage, distribution and re-use systems	30
CPCPPS5007A	Design irrigation systems	30
CPCPPS5008A	Design trade waste pre-treatment systems	30
CPCPPS5009A	Analyse and report on technical plumbing systems	20
CPCPPS5010A	Design pump systems	30
CPCPPS5011A	Coordinate services and penetrations within a building	40
CPCPPS5012A	Design siphonic stormwater drainage systems	10
CPCPPS5013A	Design vacuum sewerage systems	10
CPCPPS5014A	Locate and maintain piping systems	8
CPCPPS5015A	Inspect plumbing and drainage systems	32
CPCPRF2001A	Work safely on roofs	20
CPCPRF2002A	Select and install roof sheeting and wall cladding	16
CPCPRF2003A	Collect and store roof water	6
CPCPRF2004A	Fabricate roof coverings for curved structures	8
CPCPRF3001A	Receive roofing materials	4
CPCPRF3002A	Fabricate and install roof drainage components	48
CPCPRF3003A	Fabricate and install external flashings	16
CPCPRF3004A	Install roof components	10
CPCPRF3005A	Install roof coverings to curved roof structures	12
CPCPRF3006A	Install composite roof systems	20
CPCPRF4001A	Plan, size and lay out roof drainage systems	60
CPCPSN3001A	Plan layout of a residential sanitary plumbing system	8
CPCPSN3002A	Install discharge pipes	28
CPCPSN3003A	Fabricate and install sanitary stacks	28
CPCPSN3004A	Install and fit off sanitary fixtures	20
CPCPSN3005A	Install pre-treatment facilities	8
CPCPSN3006A	Install sewerage pump sets	8
CPCPSN4001A	Plan, size and lay out sanitary pipework and fixtures	50
CPCPWT3001A	Set out and install water services	36
CPCPWT3002A	Install and adjust water service controls and devices	12
CPCPWT3003A	Install and commission water heating systems	22
CPCPWT3004A	Install and maintain domestic water treatment equipment	8
CPCPWT3005A	Install water pump sets	8
CPCPWT3006A	Fit off and commission hot and cold water services	16

CPC08 development - Unit of Competency nominal hours

Code	Competency	Nom Hours
CPCPWT3007A	Connect irrigation systems from drinking water supply	6
CPCPWT3008A	Install water service	10
CPCPWT4001A	Plan, size and lay out hot and cold water services and systems	80
CPCPWT4002A	Commission and maintain backflow prevention devices	20
CPCPWT4003A	Commission and maintain hot water temperature control devices	20
CPCSUS4001A	Implement and monitor environmentally sustainable work practices	40
CPCSUS5001A	Develop workplace policies and procedures for sustainability	50
CPPDSM4014A	Market property for sale	30
CPPDSM4022A	Sell and finalise the sale of property by private treaty	50
CPPDSM5022A	Implement asset management plan	25
CPPDSM6002A	Conduct a property investment feasibility study	30
CPPDSM6008A	Develop strategic facilities/asset management plan	30
FPICOT2204A	Maintain chainsaws	20
FPICOT2206A	Cross cut materials with a hand-held chainsaw	40
ICAU1128B	Operate a personal computer	30
ICAU1129B	Operate a word processing application	30
ICAU1130B	Operate a spreadsheet application	30
ICAU1131B	Operate a database application	40
ICAU1133B	Send and retrieve information using web browsers and email	25
LGAPLEM502A	Apply ecologically sustainable development principles to the built environment	60
LMFFM3006A	Install furnishing products	24
LMFFM3013A	Measure and draw site layout for manufactured furniture product	16
LMFFM3028A	Fabricate synthetic surface products	40
LMFFM3030A	Set up and operate CNC sizing machines	60
LMFFM3031A	Set up and operate CNC machining and processing centres	80
LMFFT4010A	Identify and calculate production costs	36
LMFGG1001A	Complete a basic glass and glazing project	100
LMFGG2008A	Glaze/reglaze residential windows and doors	72
LMFGG3015A	Fabricate and install shower screens and wardrobe doors	24
MEM05010B	Apply fabrication, forming and shaping techniques	80
MEM05017C	Weld using gas metal arc welding process	40
MEM05019C	Weld using gas tungsten arc welding process	40
MEM10009B	Install refrigeration and air conditioning plant and equipment	40
MEM10010B	Install pipework and pipework assemblies	40
MEM18086B	Test, recover, evacuate and charge refrigeration systems	40
PRMPFES25B	Inspect, test and maintain gaseous fire suppression systems	45
PRMPFES43A	Prevent ozone depleting substance and synthetic greenhouse gas emissions	15
PRMPFES47A	Inspect and test control and indicating equipment	25
PRMWM15B	Move waste using land shifting equipment	20
PRSS0214A	Control and direct traffic	20
RIIG2004A	Operate small plant and equipment	24
RTE3605A	Troubleshoot irrigation systems	50
RTF3203A	Construct brick and/or block structures and features	100
RTF3221A	Implement a retaining wall project	40
TAADEL404B	Facilitate work-based learning	15
TDTD1097B	Operate a forklift	40