



CPCP40909 Certificate IV in Plumbing Services (Operations)

10 Competencies of this Cert IV are required for Plumbing, Draining & Gasfitting Licensing in Queensland

**SkillsTech Australia (QLD) Progress Report
Presented by Kerry Apelt**

CPC40909 Certificate IV in Plumbing Services (Operations) – Licensing Requirements for Queensland – 10 Competencies

Competency	Online	In Class
CPCPCM4001A Carry out work based risk control processes * **	Available	Available
CPCPCM4002A Estimate and cost work * **	Available	Available
BSBSMB401A Establish business and legal requirement for small business *	Available	Available
CPCPDR4001A Plan, size and lay out sanitary drainage systems * #	Available	Available
CPCPSN4001A Plan, size and lay out sanitary pipe work and fixtures * #	Available	Available

**Compulsory units, # Compulsory Diploma units, * Licensing Units

CPC40909 Certificate IV in Plumbing Services (Operations) – Licensing Requirements for Queensland – 10 Competencies

Competency	Online	In Class
CPCPDR4003A Plan, size and lay out domestic treatment plan disposal systems *	Available	Available
CPCPDR4002A Plan, size and lay out stormwater drainage systems *	Available	Available
CPCPWT4001A Plan, size and lay out hot and cold water services and systems *	Available	Available
CPCPGS4001A Plan, size and lay out consumer gas installations *	Available	Available
QLD300GA501A Service Type A Gas Appliances *		Available

CPC40909 Certificate IV in Plumbing Services (Operations)

Additional Competencies to the 10 Licensing competencies required to complete the Certificate IV in Plumbing Services (Operations)

Competency	Online	In Class
CPCPRF4001A Plan, size & layout roof drainage systems	Available	Available
BSBOHS403B Identify hazards and assess OHS risks **	Available	Available
BSBITU202A Create and use simple spreadsheets	Available	Available
CPCPCM4003A Produce 2D architect drawings - CAD	Available	Available
CPCCBC4012A Read and interpret plans and specifications **	Being Compiled	Available

CPC40909 Certificate IV in Plumbing Services (Operations)

Additional Competencies to the 10 Licensing competencies required to complete the Certificate IV in Plumbing Services (Operations)

Competency	Online	In Class
Plus one more Elective to be selected		
CPCPCM4002A Commission and maintain backflow prevention devices		Available
CPCPCM4003A Commission and maintain hot water temperature control devices		Available



CPCP40909 Certificate IV in Plumbing Services (Hydraulic Services Design)

CPCP40909 CERTIFICATE IV IN HYDRAULIC SERVICES DESIGN

Competency	Online	In Class
CPCBC4012A Read and interpret plans and specifications ** #	Being Compiled	Available
CPCBC4034A Apply codes and standards to building trade and services contracting # %	Being Compiled	Available
CPCPCM4004A Prepare simple sketches and drawings (E) #	Being Compiled	Available
CPCPDR4001A Plan, size and lay out sanitary drainage systems %	Available	Available
CPCPDR4002A Plan, size and lay out stormwater drainage systems %	Available	Available

**Compulsory units, # Compulsory Diploma units, %Hydraulic Stream units

CPCP40909 CERTIFICATE IV IN HYDRAULIC SERVICES DESIGN

Competency	Online	In Class
CPCPDR4003A Plan, size and lay out domestic treatment plant disposal systems %	Available	Available
CPCPGS4001A Plan, size and layout consumer gas installations (E)	Available	Available
CPCPSN4001A Plan, size and layout sanitary pipe work and fixtures %	Available	Available
CPCPWT4001A Plan, size and lay out hot and cold water services and systems %	Available	Available
CPCPCM4003A Produce 2_D architectural drawings using CAD software (E)	Available	Available

****Compulsory units, # Compulsory Diploma units, %Hydraulic Stream units**

CPCP40909 CERTIFICATE IV IN HYDRAULIC SERVICES DESIGN

Competency	Online	In Class
BSBITU202A Create and use spreadsheets (E) #	Available	Available
BSBITU301A Create and use databases (E) #	Available	Available
CPCPCM4001A Carry out work based risk control processes **	Available	Available
CPCPCM4002A Estimate and cost work **	Available	Available
BSBOHS403B Identify hazards and assess OHS risks **	Available	Available

**Compulsory units, # Compulsory Diploma units, %Hydraulic Stream units



CPCP50609 Diploma in Hydraulic Services Design

CPC50609 DIPLOMA OF HYDRAULIC SERVICES DESIGN

Competency	Online	In Class
BSBITU202A Create and use spreadsheets #	Available	Available
BSBITU201A Produce simple word processed documents #	Being Compiled	Available
BSBITU301A Create and use databases #	Available	Available
BSBWRT401A Write complex documents #	Being Compiled	Available
CPCPCM5000A Design complex sanitary plumbing and drainage systems #	Being Compiled	Available

Compulsory Diploma units

CPC50609 DIPLOMA OF HYDRAULIC SERVICES DESIGN

Competency	Online	In Class
CPCPCM5001A Design complex cold water systems #	Being Compiled	Available
CPCPCM5002A Design complex stormwater and roof drainage systems #	Being Compiled	Available
CPCPCM5003A Design complex (non-solar) hot water systems #	Being Compiled	Available
CPCPFS4004A Design residential and domestic fire sprinkler systems #	Available	Available
CPCPFS5000A Design fire-compliant hydraulic services #	Being Compiled	Available

Compulsory Diploma units

CPC50609 DIPLOMA OF HYDRAULIC SERVICES DESIGN

Competency	Online	In Class
CPCPFS5002A Design fire hydrant and hose reel systems #	Being Compiled	Available
CPCPPS5000A Design gas bulk storage systems		
CPCPPS5001A Design industrial gas systems		
CPCPPS5002A Design gas reticulation systems #	Being Compiled	Available
CPCPPS5003A Design solar water heating systems #	Being Compiled	Available

Compulsory Diploma units

CPC50609 DIPLOMA OF HYDRAULIC SERVICES DESIGN

Competency	Online	In Class
CPCPPS5004A Conduct a water audit and identify water-saving initiatives #	Being Compiled	Available
CPCPPS5005A Design grey water re-use systems in sewerred areas #	Being Compiled	Available
CPCPPS5006A Design rainwater collection, storage, distribution and re-use systems #	Being Compiled	Available
CPCPPS5008A Design trade waste pre-treatment systems #	Being Compiled	Available
CPCPPS5010A Design pump systems #	Being Compiled	Available
CPCPPS5012A Design siphonic stormwater drainage systems #	Being Compiled	Available

CPC50609 DIPLOMA OF HYDRAULIC SERVICES DESIGN

Elective Competency	Online	In Class
CPCPFS5001A Design fire sprinkler systems	Available	Available
CPCPMS5000A Design steam distribution systems	Available	Available
CPCPPS5015A Inspect plumbing and drainage systems	Being Compiled	Available

Student Numbers

	Online	In Class
Certificate IV in Hydraulic Services Design	258	
Certificate IV in Plumbing Services (Incorporates Plumbing Licensing Students)		184
Diploma in Hydraulic Services Design	35	20

Total Student numbers - 497

Delivery Methods

Competency	Online	Improved Face to Face	Flexible Face to Face	Blended Delivery
The 10 Plumbing Licensing competencies	Yes	Yes		
Certificate IV in Hydraulic Services (Operations)	Yes	Yes		Yes
Certificate IV in Hydraulic Services Design	Yes	Yes	Yes	Yes
Diploma in Hydraulic Services Design	Yes	Yes	Yes	Yes

Delivery Methods

Delivery Method	Details of Method
Online	Students interact Online through My.TAFE system with scheduled phone contact with Trainer
Improved Face to Face	Students attend classes delivered by teacher with access to computers in classrooms to enhance learning
Flexible Face to Face	Students attend classes with improved face to face delivery but with flexible hours on Saturdays, afternoons & evenings
Blended Delivery	Students attend classes with improved face to face delivery but with flexible hours on Saturdays, afternoons & evenings and with access to Online lessons in class and at home or in the work office.

Thank You – Kerry Apelt

QUESTIONS?