

**Certificate III in Plumbing BCP30103**

**Total 6 streams in certificate. Compulsory Stream 1 - water**

<b>Stream 2 Sanitary: 6 compulsory units and 4 elective units from the sanitary stream</b>			
<b>Compulsory</b>			<b>Electives</b>
BCPCM2008A	Cut and join sheet metal		BCPCM2009A
BCPDR2001A	Locate and clear blockages		BCPDR2002A
BCPSN3001A	Plan the layout for a residential sanitary plumbing system		BCPDR2003A
BCPSN3002A	Install discharge pipes		BCPDR2004A
BCPSN3003A	Fabricate and install sanitary stacks		BCPDR2005A
BCPSN3004A	Install and fit off sanitary fixtures		BCPDR2006A
			BCPDR3002A
			BCPDR3003A
			BCPMS3002A
			BCPSN3005A
			BCPSN3006A
			BCF2009A
			BCGCM2003B
			BCGCM2008B
			BCGCM3001B
			BCGRI3001B
			BCGWC3006B

<b>Stream 3 Drainage: 9 compulsory units and 3 elective units from the drainage stream</b>			
<b>Compulsory</b>			<b>Electives</b>
BCPDR2001A	Locate and clear blockages		BCPCM2008A
BCPDR2002A	Install domestic treatment plants		BCPCM2009A
BCPDR2004A	Install stormwater and sub-soil drainage systems		BCPDR2003A
BCPDR2005A	Drain worksite		BCPSN3005A
BCPDR2006A	Install prefabricated inspection openings and enclosures		BCPDR3004A
BCPDR3001A	Plan the layout for a residential sanitary drainage system		BCF2009A
BCPDR3002A	Install below ground sanitary drainage systems		
BCPDR3003A	Install on-site disposal systems		
BCGCM2003B	Install trench support		

<b>Stream 5 Roofing: 9 compulsory units and 4 elective units from the roofing stream</b>			
<b>Compulsory</b>			<b>Electives</b>
BCPCM2008A	Cut and join sheet metal		BCPCM2009A Cut with oxy-LPG/acetylene
BCPRF2002A	Select and install roof sheeting and wall cladding		BCPRF2004A Fabricate roof coverings for curved structures
BCPRF2003A	Collect and store roof water		BCF2009A Carry out load slinging of off-site materials
BCPRF3001A	Receive roofing materials		BCGCM2003B Install trench support
BCPRF3002A	Fabricate and install roof drainage components		BCGCM2008B Erect and dismantle restricted height scaffolding
BCPRF3003A	Fabricate and install external flashings		BCGCM3001B Operate elevated work platforms
BCPRF3004A	Install roof components		BCGRI3001B Operate personnel and materials hoists
BCPRF3005A	Install roof coverings to curved roof structures		BCGWC3006B Install acoustic and thermal environmental protection systems
BCPRF3006A	Install composite roof systems		MEM549AA Perform routine gas tungsten arc welding
			MEM550AA Perorm routine gas metal arc welding

<b>Stream 6 Gas services: 12 compulsory units and 5 elective units from the gas services stream</b>			
<b>Compulsory</b>			<b>Electives</b>
BCPCM2008A	Cut and join sheet metal		BCPCM2009A Cut with oxy-LPG/acetylene
BCPGS3001A	Install gas piping systems		BCPGS3005A Install LP gas storage of aggregate capacity exceeding 500 litres and less than 8KL
BCPGS3002A	Size consumer piping systems		BCPGS3010A Install a Type B appliance flue
BCPGS3003A	Install and commission Type A gas appliances		BCPGS3012A Maintain Type A gas appliances
BCPGS3004A	Install LPG storage of aggregate storage capacity up to 500 litres		BCPGS3015A Install subsidiary gas meters
BCPGS3006A	Install LPG systems in caravans, mobile homes, water craft and mobile workplaces		BCPMS2001A Assemble mechanical services components
BCPGS3007A	Install gas detection devices		BCPMS3001A Fabricate and install steel pressure piping
BCPGS3008A	Install gas pressure control equipment		BCPMS3003A Install small bore heating systems
BCPGS3009A	Install Type A gas appliance flues		BCPMS3005A Install and test ducting systems
BCPGS3011A	Purge consumer piping		BCPMS3006A Install air handling units
BCPGS3013A	Disconnect and reconnect Type A gas appliances		BCF2009A Carry out load slinging of off-site materials
BCPGS3014A	Calculate and install natural ventilation for Type A gas appliances		BCGCM2003B Install trench support
			BCGCM2008B Erect and dismantle restricted height scaffolding
			BCGCM3001B Operate elevated work platforms
			BCGRI3001B Operate personnel and materials hoists
			MEM549AA Perform routine gas tungsten arc welding
			MEM550AA Perform routine gas metal arc welding