

## PLUMBING COMPETENCIES

| CHAPTER                              | CERTIFICATE I TO III  | MODULE UNIT CODE   |
|--------------------------------------|---|--|
| <b>PART 1 TRADE MATHS ESSENTIALS</b> |   |  |
| 1                                    | <b>Trade calculations</b> <ul style="list-style-type: none"> <li>Carry out measurements and calculations</li> <li>Read plans and calculate plumbing quantities</li> </ul>   | CPCCCM1005A<br>CPCPCM2004A                               |
| 2                                    | <b>Basic graphics</b> <ul style="list-style-type: none"> <li>Mark out materials</li> <li>Read and interpret plans and specification                             <ul style="list-style-type: none"> <li>Read plans and calculate plumbing quantities</li> </ul> </li> </ul>        | CPCCCM2001A<br>CPCPCM2004A                               |
| <b>PART 2 TRADE SKILL ESSENTIALS</b> |   |  |
| 3                                    | <b>Cutting and drilling</b> <ul style="list-style-type: none"> <li>Use construction tools and equipment</li> <li>Handle construction materials                             <ul style="list-style-type: none"> <li>Use plumbing hand and power tools</li> </ul> </li> </ul>        | CPCCCM2005A<br>CPCCCM2004A<br>CPCPCM2006A                |
| 4                                    | <b>Forming and bending</b> <ul style="list-style-type: none"> <li>Cut and join Sheet metal</li> <li>Use construction tools and equipment                             <ul style="list-style-type: none"> <li>Use plumbing hand and power tools</li> </ul> </li> </ul>              | CPCPCM2008A<br>CPCCCM2005A<br>CPCPCM2006A                |
| 5                                    | <b>Fastening, joining and sealing</b> <ul style="list-style-type: none"> <li>Fabricate and install non-ferrous pressure piping</li> <li>Use construction tools and equipment</li> <li>Weld using oxy-LPG acetylene equipment</li> <li>Weld using arc welding equipment</li> </ul> | CPCPCM3003A<br>CPCCCM2005A<br>CPCPCM2012A<br>CPCPCM2013A |
| 6                                    | <b>Levelling</b> <ul style="list-style-type: none"> <li>Apply basic levelling procedures</li> <li>Carry out levelling</li> </ul>  | CPCCCM2006A<br>CPCPCM2007A                               |
| <b>PART 3 THE PLUMBER AT WORK</b>    |   |  |
| 7                                    | <b>The green plumber</b> <ul style="list-style-type: none"> <li>Work effectively and sustainably in the construction Industry                             <ul style="list-style-type: none"> <li>Work effectively in the plumbing and services sector</li> </ul> </li> </ul>      | CPCCCM1002A<br>CPCPCM2001A                               |
| 8                                    | <b>Effective communication</b> <ul style="list-style-type: none"> <li>Conduct workplace communication</li> </ul>  | CPCCCM1004A<br>CPCPCM2002A                               |
| 9                                    | <b>A safe and healthy workplace</b> <ul style="list-style-type: none"> <li>Work safely in the construction industry</li> <li>Carry out OHS requirements</li> </ul>  | CPCCOHS1001A<br>CPCPCM2003A                              |