

<b>Legal Name of Skills Development Provider(SDP)</b>					
<b>Qualification information:</b>	<b>Qualification / Curriculum Title</b>	<b>SAQA ID</b>	<b>NQF Level</b>	<b>Credits</b>	<b>Curriculum Code</b>
	Plumbing Hand	91782	03	49	SP-210403

### Learning Material Matrix (Plumbing Hand SP- 210403)

**The purpose of this skills program is to prepare a learner to operate as a Plumbing Hand**

A Plumbing Hand installs, repairs and maintains, water pipes, drainage pipes systems, sanitary fixtures (water closet, wash hand basin, bidet, bath, shower and sink) under supervision of a qualified Plumber.

The three components (Knowledge, Practical and Workplace) should not be presented in isolation, but should rather be integrated, and any exercises or applied practical should be occupationally directed (work tasks).

<b>Learning Material:</b>	<b>Module CODE:</b>	<b>Manual (Page/s Number):</b>	<b>Learning Guide Page/s Number:</b>	<b>Educational Teaching Aids:</b>
<b>KNOWLEDGE COMPONENT</b>				
<ul style="list-style-type: none"> <li><b>Health, Safety, Quality and Legislation, NQF Level 3, Cr 2</b></li> </ul>	6426064260 1-000-00-SP02-KM-01	<b>Pp 5-8</b>	<b>Pp 5-8</b>	
<ul style="list-style-type: none"> <li><b>Environment, Energy Efficiency and Ethics NQF Level 4, Cr 2</b></li> </ul>	642601-000-00-SP02-KM-02	<b>Pp 9-12</b>	<b>Pp 9-12</b>	
<ul style="list-style-type: none"> <li><b>Tools, equipment, Components and Site Practice. NQF Level 3,Cr 3</b></li> </ul>	642601-000-00-SP02-KM-03	<b>Pp 13- 18</b>	<b>Pp 13 – 18</b>	

<ul style="list-style-type: none"> <li><b>Drawings and Applied Sciences, NQF level 3, Cr3</b></li> </ul>	642601-000-00-SP02-KM-04	<b>Pp 19-25</b>	<b>Pp 19- 25</b>	
<ul style="list-style-type: none"> <li><b>Theory of Water and Drainage Systems, NQF level 4, Cr 3</b></li> <li><b>Above and below level Ground level 3, Cr 3</b></li> <li><b>Sanitary Fixture, NQF Level 4, Cr 3</b></li> <li><b>Hot and Cold water systems, NQF Level 3, Cr-3</b></li> <li><b>Installation and Maintenance Theory for Plumbing Systems, NQF Level 4, Cr 3</b></li> </ul>	642601-000-00-SP02-KM-05  642601-000-00-SP02-KM-06.  642601-000-00-SP02-KM-07  642601-000-00-SP02-KM-08  642601-000-00-SP02-KM-09	<b>Pp 25-30</b>  <b>Pp 32 -36</b>  <b>Pp 39-42</b>  <b>Pp 43-45</b>  <b>Pp 46-48</b>	<b>Pp 25 – 30</b>  <b>Pp 32-36</b>  <b>Pp 39-42</b>  <b>Pp 43-45</b>  <b>Pp 46-48</b>	

## Theory

<b>Learning Material:</b>	<b>Module CODE:</b>	<b>Manual (Page/s Number):</b>	<b>Learning Guide Page/s Number):</b>	<b>Educational Teaching Aids:</b>
<b>Application Component</b>				
<ul style="list-style-type: none"> <li><b>Install and Maintain above ground Soil waste and vent pipe Systems, Terminal Fittings and sanitary fixtures, NQF Level 3, Cr 7</b></li> </ul>	642601-000-00-SP02-AM-01	<b>Pp 49-50</b>	<b>Pp 49-50</b>	

<ul style="list-style-type: none"> <li>• <b>Install and Maintain below-ground drainage Systems, NQF Level 3, Cr 7</b></li> </ul>	642601-000-00-SP02-AM-02	<b>Pp 51-53</b>	<b>Pp 51-53</b>	
<ul style="list-style-type: none"> <li>• <b>Install, Maintain and Repair cold-water and Hot Water Systems, NQF Level 3, Cr 10</b></li> </ul>	642601-000-00-SP02-AM-03	<b>Pp 53-54</b>	<b>Pp 53-54</b>	
<b>Exit level Out comes and Assessments</b>		<b>57-60</b>	<b>Pp 57-60</b>	
<ul style="list-style-type: none"> <li>• <b>Install, Maintain and repair and below ground sanitary drainage pipes systems</b></li> <li>• <b>Install, maintain and repair sanitary fixtures.</b></li> <li>• <b>Install, maintain and repair water pipes</b></li> </ul>				

### **Continuous Assessment**

- Discuss and explain relevant Health, Safety, Quality and Legislation in support of the plumbing occupation
- Discuss and explain the importance of environmental sustainability and energy efficiency factors impacting on undertaking business operations and processes in an environmentally sustainable and responsible manner
- Discuss and explain the theory required for the use of tools, equipment, materials, components and workshop practices in the execution of plumbing activities
- The qualifying learner will be able to install, repair and maintain, water pipes, drainage pipe systems, sanitary fixtures (water closet, wash hand basin, bidet, bath, shower and sink) under supervision of a qualified Plumber.