

## Skills Programme Details

### Skills Programme in Water Reticulation

**MQA ID: MQA/SP/0090/09**

**NQF Level: 2**

**Minimum Credits: 14**

#### **Purpose of Skills Programme**

This skills programme is aimed at persons who work or intend to work within the water reticulation section of a processing plant and who seek recognition for essential skills in this area.

#### **Rationale**

The majority of the candidates for this skills programme are likely to be working in the mining and minerals sector. The skills program will give them the opportunity to balance their practical skills with the essential knowledge needed to earn a formal skills program in water reticulation operations.

There is also a critical need in the industry to identify people who are able to conduct the essential operations associated with efficient and extraction in at least one of the operations.

#### **Articulation**

This skills programme may be the initial platform for obtaining credits towards the National Certificate in Mineral Processing (NQF level 2 to 4) and other production related sub fields.

#### **Learning assumed to be in place**

It is assumed that candidates embarking on learning towards this skills program are educated to NQF Level 1.

#### **Access to the skills programme**

This skills programme is open to anyone with access to learning opportunities and work experience in the areas reflected in the exit level outcomes and unit standards. It is advisable that candidates should already have addressed the areas reflected under “learning assumptions” before embarking towards this skills programme, although the exact starting point depends on the available resources for learning.

#### **Learning programme**

Training (notional) Period based on total credit value core only

14 X 10 = 140 Hours

= 140/6 hours = 23 Days

## Composition of the Skills Programme

### 1. Generic Core Unit standards

NLRD Number	Standard title	NQF Level	Credits
	<b>Materials transport and handling</b>		
243650	Handle waste material in a metallurgical plant	2	4
252350	Determine relative density by means of a density scale	2	3
252282	Thicken slurry in a metallurgical plant	2	4
252295	Transfer fluids by means of a pump	2	3
	<b>TOTAL CREDITS</b>		<b>14</b>

### 2. Elective unit standards

NLRD Number	Standard title	NQF Level	Credits
252354	De-water material by means of a vibrating screen	2	2
254405	De-sliming material by means of a screen	2	2
252349	Generate compressed air	2	3
252284	Classify material in a metallurgical plant	2	6
252338	Perform minor maintenance on metallurgical mechanical equipment	2	10
252335	Handle acids safely in a metallurgical plant	2	6
252332	Handle inorganic reagents safely in a metallurgical plant	2	6
252315	Perform size separation in a metallurgical plant	2	6