

Qualification Details

Further Education and Training Certificate: Mineral Processing Level 4

SAQA ID: 64889

NQF Level: 4

Minimum Credits: 137

***WHO* will benefit from this Qualification?**

- Control room operators, supervisors and process controllers in Diamond, Coal, Iron Ore, Platinum, Gold, Mineral Sands, Base Metals and Uranium Industry who have already completed National Certificate in Mineral Processing Level 3
- Community learners living within a mining industry area who have already completed National Certificate in Mineral Processing Level 3 and have worked in an supervisory environment on a processing plant

Recognition of Prior Learning

For those who have been in the workplace in a supervisory capacity for a long time, this Qualification can be used in the recognition of prior learning process to assess and recognise workplace knowledge and skills acquired without the benefit of formal education and training.

New entrants

Entry is open for the qualification but it is preferable that learners have completed the National Certificate: Minerals Processing, NQF Level 3.

For the new entrant, this Qualification describes the learning outcomes required to become competent in the supervision of a mineral processing plant section through a structured learning programme.

***WHY* complete the qualification?**

The profit margin in mining operations is low because of low commodity prices and the strong rand. It is therefore necessary to maximise production and recovery and minimise operational costs to enable a profitable operation. This qualification will ensure that the operating personnel will have the competencies to achieve this.

This qualification is intended to address the training needs for metallurgical process controllers. This competence provides the skills needed to supervise and coordinate significant processes within metallurgical operations. It also provides the basis upon which further related learning and career development can take place.

***WHAT* are the outcomes of the qualification?**

People credited with this qualification are able to:

- Communicate and solve problems in Mineral Processing.
- Maintain Occupational Health, Safety and general housekeeping.
- Lead a team to work co-operatively to achieve objectives.

- Control metallurgical operations from a control room.

WHERE can you complete the qualification?

- Learners can complete this qualification on the site where they work and within the workplace.
- Theory and knowledge is classroom based and can be done on your mine or a mine in the community.
- Evidence of competence is collected through assignments conducted in the workplace making up a Portfolio of evidence
- Practical learning is done at your place of work during your working hours
- On-the-job assessments are done while you are supervising a plant through simulations and demonstrations and role play

WHEN should you complete this qualification?

- For new entrants the qualification will take between 12 to 18 months
- Section leaders and supervisors who already have experience in the workplace at a level higher than operator will be able to complete the programme within 6 months