



BCONSULT

Further Education Training Certificate
PRODUCTION TECHNOLOGY

NQF Level 2 | SAQA ID 58781 | 125 Points | 12 Months

Production Technology – NQF Level 2

SAQA ID: 58781 | Credits: 125 | Duration: 12-month | QCTO Learnership

1. Course Overview

The National Certificate: Production Technology (NQF Level 2) provides learners with foundational knowledge and practical skills required to support production operations within the manufacturing, engineering, and technology sectors.

This qualification introduces learners to the principles and practices of production technology, enabling them to contribute effectively to efficient, safe, and high-quality production processes.

Learners will gain a broad understanding of production systems, organisational structures, and quality standards, while developing essential workplace communication, problem-solving, and teamwork competencies. This qualification serves as the first step in a structured learning pathway within the field of production technology.

2. Learning Outcomes

On completion of this programme, learners will be able to:

- Communicating production and manufacturing-related operational information effectively.
- Optimising organisational structures, functions, and processes to achieve production specifications.
- Maintaining safe and healthy work environments in line with industry standards.
- Applying production technology practices, terminology, and systems within manufacturing, engineering, and technology contexts.
- Implementing and monitoring quality standards and procedures in production activities.

3. A Qualified Learner Will Be Able To:

- Interpret and convey operational information to supervisors, co-workers, and other stakeholders.
- Understand how organisational systems interact to achieve production and quality objectives.
- Identify and report safety risks and contribute to maintaining compliance with workplace health and safety standards.
- Apply knowledge of production inputs, processes, and outputs to optimise efficiency.
- Perform basic quality monitoring and documentation to ensure compliance with production requirements.
- Contribute to continuous improvement within the production environment.

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Entry Requirements

- **Communication at NQF Level 1** (or equivalent).
- **Mathematical Literacy at NQF Level 1** (or equivalent).

Access: Open access to learners with relevant foundational knowledge or practical exposure to manufacturing and production environments.

Recognition of Prior Learning (RPL):

Learners with relevant workplace experience or informal learning may apply for recognition of prior learning through an accredited assessment process with the relevant ETQA or MERSETA.

4. International Comparability

Comprehensive international benchmarking revealed that while components of this qualification exist globally, South Africa leads in the integrated approach to Production Technology at this level.

Comparable qualifications and unit standards were identified in Australia, New Zealand, and the United Kingdom, focusing on areas such as workplace safety, productivity improvement, and quality management. However, none offered the same holistic scope of production technology across manufacturing and engineering sectors.

This indicates that South Africa's Production Technology qualification is unique in addressing foundational competencies for diverse industrial contexts, positioning it as a globally distinctive entry-level certification.

5. Occupational Trainer – NQF Level 2 Certification

This qualification is registered at NQF Level 2 under the Occupational Qualifications Sub-Framework (OQSF) and is quality assured by MERSETA.

It forms the foundational level within the Production Technology learning pathway, leading to higher-level qualifications such as the Further Education and Training Certificate: Production Technology (NQF Level 4) and subsequent supervisory or management-level qualifications.

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6. Potential Career Opportunities

Graduates of this qualification can pursue roles such as:

- Production Operator / Assistant
- Manufacturing Process Worker
- Assembly Line Worker
- Production Support Technician
- Quality Control Assistant
- Health and Safety Assistant

Learners may also progress to supervisory, process optimisation, or quality assurance roles through further learning.

7. Learning Options

This qualification may be completed through:

- **Full-time Study** – classroom-based and practical workshops.
- **Part-time or Distance Learning** – supported by accredited providers.
- **Workplace-Based Learning (Learnership)** – combining structured theoretical instruction with on-the-job application.

Assessment:

Formative assessments include written and practical evaluations conducted throughout the programme. Summative assessments integrate all competencies and are conducted once the learner demonstrates readiness. Moderation is overseen by MERSETA in line with ETQA requirements.

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