



BCONSULT

Further Education Training Certificate
PRODUCTION TECHNOLOGY

NQF Level 4 | SAQA ID 58779 | 143 Points | 12 Months

Further Education Training Certificate:

Product Technology – NQF Level 4

SAQA ID: 58779 | Credits: 143 | Duration: 12-month | QCTO Learnership

1. Course Overview

The Further Education and Training Certificate: Production Technology (SAQA ID 58779, NQF Level 4) provides learners with a comprehensive understanding of production systems, techniques, and processes used in manufacturing, engineering, and related sectors. This qualification equips learners with practical skills and applied knowledge to support and improve production efficiency, quality, and safety in the workplace.

As a critical link in the production and manufacturing career pathway, this qualification builds the competencies required to identify production parameters, apply quality control measures, and implement continuous improvement strategies to optimise performance and productivity within an operational unit.

2. Learning Outcomes

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

- Measure, control, and improve factors influencing productivity in production environments.
- Contribute effectively to budgeting processes to optimise operational resources.
- Identify and solve operational problems within a production process using structured problem-solving methods.
- Promote, implement, and maintain procedures supporting quality assurance and control systems.

Integrated assessment ensures that learners can demonstrate applied competence in both theory and practice through written assessments, practical simulations, and workplace-based evaluations.

3. A Qualified Learner Will Be Able To:

- Apply measurement and control techniques to enhance production efficiency and quality.
- Monitor and improve production processes through data-driven decision-making.
- Contribute to cost control and resource optimisation in an operational unit.
- Identify and address operational inefficiencies using systematic approaches.
- Promote and maintain quality assurance systems that align with organisational and industry standards.
- Apply workplace communication, teamwork, and problem-solving strategies to achieve production objectives.

Johannesburg: 32 Lucas Ln Bedfordview, Germiston, 2008

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Entry Requirements

Learners entering this qualification are assumed to have:

- Communication at **NQF Level 3**.
- Mathematical Literacy at **NQF Level 3**.
- Foundational knowledge of **production systems, planning, and quality control practices** at NQF Level 3.

Recognition of Prior Learning (RPL):

Learners who have acquired relevant knowledge and skills through workplace experience or previous study may apply for Recognition of Prior Learning (RPL) to obtain credits toward this qualification.

Access to the qualification is open, subject to the learning assumed to be in place.

4. International Comparability

International benchmarking revealed that while elements of production technology are present in qualifications from Australia, the United Kingdom, and New Zealand, no directly comparable qualification exists at this level and scope. South Africa's Production Technology qualification is unique in its integration of manufacturing operations, logistics, quality, productivity, and safety within a single qualification framework.

Comparable references include:

- **Australia:** Certificates in Manufacturing Studies (Levels 3–4), focusing on process control and productivity.
- **United Kingdom:** Certificates in Production Line Control (Level 4).
- **New Zealand:** Certificates in Manufacturing and Engineering (Levels 2–3), focused on machinery and safety.

This qualification positions South Africa as a leader in formalising the Production Technology discipline at NQF Level 4, providing a strong foundation for both career development and further study in manufacturing and engineering sectors.

5. Occupational Trainer – NQF Level 4 Certification

This qualification is registered at **NQF Level 4** under the **Occupational Qualifications Sub-Framework (OQSF)**, managed by **MERSETA**.

It serves as a **foundational occupational qualification** within the Production Technology learning pathway and provides entry into supervisory and management qualifications at **NQF Level 5** and beyond.

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6. Potential Career Opportunities

Graduates of this qualification can pursue roles such as:

- **Production Technician / Technologist**
- **Production Process Controller**
- **Operations Coordinator**
- **Quality Assurance Assistant / Technician**
- **Production Planner / Scheduler**
- **Manufacturing Supervisor / Team Leader**
- **Process Improvement Practitioner**

These roles exist across industries such as metal, plastics, chemical, automotive, food and beverage, and general manufacturing.

7. Learning Options

The qualification may be offered through the following learning options:

- **Full-time study:** Structured classroom and practical learning at accredited training providers.
- **Part-time or modular learning:** Flexible study options for employed learners.
- **Workplace-based learning:** Integrated learning and assessment in a production or manufacturing environment.
- **Recognition of Prior Learning (RPL):** Assessment-based access for experienced workers seeking formal recognition.

Learning and assessment are conducted by institutions accredited with **MERSETA** and moderated according to **ETQA** requirements.

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Contact Details

Email

sales@bconsult.co.za

info@bconsult.co.za

Phone

+27 31 536 8167

+27 87 222 7137

+27 31 536 8467

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