

# NQF 4: PRODUCTION TECHNOLOGY

SAQA Registered Qualification ID 58779

Further Education & Training Certificate: Production Technology

Detailed fact sheet available  
on request

## LEARNERSHIP



## Overview

This level 4 qualification is designed for experienced and multi-skilled operators in manufacturing who have completed a level 3 qualification or equivalent. Successful candidates will make a positive contribution in a manufacturing operation by being able to:

- Measure, control and improve productivity and Overall Equipment Effectiveness (OEE)
- Write Standard Operating Procedures (SOPs)
- Engage constructively in the solution of operational and mechanical problems as they occur
- Contribute to focused projects and step changes in the pursuit of continuous improvement
- Promote and implement procedures in support of safety, environmental sustainability and product quality

## Participant Profile

Multi-skilled and experienced process and packaging operators in manufacturing.

## Duration

Learners spend a total of 31 days in the classroom over a period of 12 months.

## Modules

1. Calculations at Work
2. Communication at Work
3. Productivity and Overall Equipment Effectiveness
4. Process and Quality Fundamentals
5. Shop Floor Relations
6. Focused Improvement

## Learning & Assessment

Learners submit a series of practical assignments all on the theme of optimising productivity and OEE:

- Calculate shift and weekly OEE over a period of 2 months
- Identify variances between target and actual OEE
- Use problem solving tools and techniques to investigate variances, suggest, and implement solutions
- Suggest changes to operating procedures that will improve OEE
- Write an SOP
- Use SOPs to coach less experienced operators



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