

# OPERATIONS SUPERVISION - PHASE 3: EFFECTIVE WORKPLACE CALCULATIONS

SP0584/11-17

<b>Duration:</b>	4 days (including Exam presentation)
<b>Target:</b>	Candidates competent in NQF Level 3
<b>Prerequisite:</b>	NQF Level 3
<b>NQF Info:</b>	NQF Level 4
<b>Qualification:</b>	Towards the Further Education and Training Certificate in Manufacturing and Operations Supervision NQF Level 4
<b>Credits:</b>	24
<b>Certification:</b>	merSETA-accredited Plastics SA Certification

## Unit Standards

- Apply knowledge of statistics and probability to critically interrogate and communicate life related problems [F - 9015]
- Represent, analyse and calculate shape and motion in 2 and 3 dimensional space in different context [F - 9016]
- Use mathematics to investigate and monitor the financial aspects of personal, business, national and international business [F - 7468]
- Control production and resource scheduling & planning in a manufacturing environment [C -12665]

## Objectives of Learning Programme

- To perform relevant workplace calculations
- To effectively plan and schedule production in a manufacturing environment
- To analyse budgetary needs of a business unit
- To investigate various aspects of costs and revenue
- To use mathematical principles effectively to workplace problems

## Outcomes

*At the end of the learning programme, learners will be able to*

- Effectively plan and schedule production in a manufacturing environment
- Effectively perform relevant workplace calculations relevant to the problem
- Analyse budgetary needs of a business unit

## Contents

- Workplace calculations are used to ensure accurate solutions in terms of the workplace context. Calculations are carried out using computational tools efficiently and correctly. Solutions obtained are verified in terms of the context. Methods of calculation are appropriate to the problem types.
- Various aspects of costs and revenue investigated.
- The budgeting technique appropriate to the type of budget is explained with reference to the purpose of the budget.

## Assessment and Certification

- Workplace Experience Assignments to be submitted within two weeks following training. One Exam Presentation day is required.
- A Plastics|SA Certificate of Competence is issued to successful candidates.
- Relevant credits may be awarded to successful learners upon merSETA due approval process.