

GENERIC MANAGEMENT - SETTING PLASTICS PRODUCTION EQUIPMENT 3

SP 0093/07-17

Duration:	3 days
Target:	Candidates competent in NQF Level 4
Prerequisite:	NQF Level 4
NQF Info:	NQF Level 5
Qualification:	Towards the Generic Management: Generic Manufacturing NQF Level 5
Credits:	36
Certification:	merSETA-accredited Plastics SA Certification

Unit Standards

- Optimise manufacturing processes [E - 119166]
- Maintain manufacturing processes [E - 119159]

Objectives of Learning Programme

This programme is intended for managers in all economic sectors, the qualifying learners will be able to:

- Identify opportunities for continuous improvements, Optimise all elements of a plastic manufacturing process
- Apply methods and techniques to develop, implement and evaluate continuous improvement measures
- Maintain production efficiencies in a volume plastics manufacturing processes e.g. Injection moulding and others
- Respond to deviations, problems and incidents which affect efficiency

Specific Outcomes

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

- Collect and analyse process-related information, maintain records, summarise information and generate reports
- Set and agree targets and levels of efficiency
- Identify and respond to deviations, problems and incidents which impact on production efficiencies
- Monitor and evaluate activities, safety, product quality and house-keeping
- Share and discuss information with relevant people and resolve external issues which impact on quality and output
- *Collect and analyse data and identify opportunities for improvement*
- *Identify the root cause of the problem, generate and test options to achieve improvement*
- *Set objective(s), develop a plan and implement the improvement(s)*
- *Monitor and evaluate the change, review and adjust the optimisation process until objective(s) have been achieved*
- *Adjust and update standards and report improvements*
- *Engage in discussions on continuous improvement issues with the workgroup and other partners*

Contents

- Manufacturing methodologies
- Workplace statistics
- Productivity

Assessment and Certification

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