



CPT

SKILLS DEVELOPMENT SOLUTIONS



Learnerships



Skills
Programmes

Production Operator - Skills Programme NQF 2 Breakdown

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Name of Module	Unit Standards covered	NQF Level	Duration	Approval Number
Production Operator (52)	119463 - Access and use information from texts (5) 119454 - Maintain and adapt oral/signed communication (5) 119456 - Write/present for a defined context (5) 119460 - Use language and communication in occupational learning programmes (5) 9007 - Work with a range of patterns and functions and solve problems (5) 7480 - Demonstrate understanding of rational and irrational numbers and number systems (3) 12444 - Measure, estimate and calculate physical quantities and explore, describe and represent geometrical relationships in 2-dimensions in different life or workplace contexts (3) 244338 – Operate a production Process (15) 265000 – Complete post production and finishing operations (6)	2	17	MERSETA SP 0947/15-17

From these Unit Standards the Skills Programme will consist of three (3) modules, namely:

Communication Skills	119460, 119456, 119454, 119463	5 Days
Numeric Skills	12444, 9007, 7480	5 Days
Operate a Production Process	265000, 244338	7 Days

Communication Skills

- Use a range of reading and/or viewing strategies to make meaning of texts.

- Identify the main ideas in different text types.
- Read/view and respond to texts for a variety of purposes.
- Identify and discuss how language structures and features may influence a reader/audience.
- Use a variety of speaking and listening/signing strategies to maintain communication.
- Adapt speech/signing to accommodate socio-cultural sensitivities without losing own intention.
- Use knowledge of language structures and conventions to shape or decode meaning of unfamiliar vocabulary or constructions.
- Organise and present information in a focused and coherent manner.
- Identify and explain how speakers/signers influence audiences.
- Write/sign for a specific audience, purpose and context.
- Use grammatical structures and writing/signing conventions to produce coherent and cohesive texts for specific contexts.
- Adapt language to suit context.
- Draft and edit own writing/signing.
- Find and use available learning resources.
- Use learning strategies
- Manage occupational learning materials.
- Plan and gather relevant information for a given context and purpose.
- Function in a team.
- Reflect on how characteristics of the workplace and occupational context affect learning.

Numeric Skills

- Convert flexibly between and within various representations of functions.

- Compare, analyse and describe the behaviour of patterns and functions.
- Represent situations mathematically in order to interpret and solve problems.
- Use and analyse computational tools and strategies, and make estimates and approximations.
- Demonstrate understanding of numbers and relationships among numbers and number systems.
- Estimate, measure and calculate physical quantities to solve problems in practical situations.
- Explore transformations of two-dimensional geometric figures.

Operate a production Process

- The Operations Function
- The transformation model
- Prepare for start up
- Safety
 - Machine/Equipment/Process Safety
- Tools and Equipment
- Materials
 - Material Quality
 - Risk of using contaminated materials
- Ensuring Quality
 - The conditions that lead to poor quality
 - Quality testing
 - Identification and traceability
- The manufacturing process
 - The production schedule

- Know the planning process
 - Being able to select materials
 - Planning activities to meet production requirements
- Load machine / process for start – up
 - Start-up machinery
 - Check machinery while in operation
 - Record monitoring data on shift
- Start-up
 - Start-up procedures
 - Standard Operating Procedures (SOP's)
- Setting up for optimal performance
- Monitor the manufacturing process
 - Visual inspections
 - Sampling
 - Machine indicators
 - Printouts and reports
- Operating manufacturing equipment / processes
- Adjust the manufacturing process
 - The importance of using the correct tools when adjusting
 - Checking data after the adjustments
 - Adjusting machinery according to SOP's
 - Process parameters
 - Impact the adjustments will have on the product

- Reporting and documentation
- The shutdown procedure
 - Procedure for shutdown
 - The need for cleaning the machine
 - The importance of following the correct shutdown procedure
 - Lockout procedures
 - Removing and cleaning tooling
- Waste
 - The impact of waste
- Teamwork
 - Understanding the work team
 - Types of teams
 - How to be a team member
 - Understand and explain individual and team performance
 - Teams and different cultures
 - Meetings

Contact Details

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