



Siyaya[®]

SKILLS INSTITUTE



Helping you grow

NATIONAL CERTIFICATE:
PRODUCTION TECHNOLOGY LEVEL 2
(SAQA reg. 58781)

NATIONAL CERTIFICATE:
Production Technology Level 2:
SAQA reg. 58781

1. PURPOSE

This Qualification provides learners with the range of learning and skills required to be able to perform a series of activities to support Manufacturing, Engineering and Technology processes. Learners will acquire a range of skills in the identification of production parameters in Manufacturing, Engineering and Technology industries and basic strategies to achieve them.



2. RATIONALE FOR THE LEARNING PROGRAM QUALIFICATION

This Qualification contributes to the industries in Manufacturing and related fields which will allow learners who achieve the Qualification to contribute and function in areas such as Production Processes, Systems and Maintenance, Quality and Occupational Health and Safety. Learners who will typically embark on this Qualification are individuals who have an interest in a career in Production Technology. The Production Technology competencies incorporated in this Qualification can also be offered as support skills programs to incumbents in any other Manufacturing, Engineering and Technology field Qualifications.

3. QUALIFICATION RULES

All fundamental Units Standards to the value of 36 credits must be completed.

All core Unit Standards to the value of 69 credits must be completed.

Learners must complete Unit Standards to the value of at least 20 credits from the specialization, sector or general elective Unit Standards.

4. LEARNER ACCESS:

Learners accessing this Qualification are assumed to be competent in:

- Communication at NQF Level 2
- Mathematical Literacy at NQF level 2



Description of the modules, learning objectives and their relationship to the Unit Standards *Cont.*

Module 1: Health and Safety in the Workplace

Unit Standards:

Apply health and safety to the work area (9964).
Keep the work area safe and productive (13220).
Identify potential hazards and critical safety issues in the workplace (13167).
Deal with safety, health and environment emergencies in the workplace (13222).

Module 2: My Role in the Workplace

Unit Standards:

Oriente Self in the Workplace (12036).
Explain and use organizational procedures (12456).

Module 3: Productivity

Unit Standards:

Identify and describe inputs, outputs, stages and quality indicators of the manufacturing, assembly or engineering process (13162).
Frame and implement an individual action plan to improve productivity within an organizational unit (14445).

Module 4: Monitoring Quality

Unit Standard:

Monitor the quality of the input materials and the manufactured plastic product (119139).



Description of the modules, learning objectives and their relationship to the Unit Standards

Module 5: Routine Maintenance

Unit Standards:

Perform routine maintenance (13221).

Conduct minor routine and breakdown maintenance on equipment and machines (7106).

Module 6: Count Stock

Unit Standard:

Count stock for a stock take (114891).

Module 7: Supply chain

Unit Standard:

Supply raw and processed material to production line (12667).

Module 8: HIV/AIDS

Unit Standard: Understand and deal with HIV/AIDS (12463)

Additional Electives: Use and Care for Tools

Unit Standards:

Select, use and care for engineering hand tools (119744).

Use and care for tools and equipment (9879).



Description of the modules, learning objectives and their relationship to the Unit Standards *Cont.*

Logistics

Unit Standard:

Describe and explain the principles of logistics support in a specific context (244504).

Maintain Stock

Unit Standards:

Receive stock in a DC/Warehouse (117901).

Maintain stock balances in a distribution centre (117897).

Business Plan

Unit Standard:

Demonstrate an understanding of a general business plan and adapt it to a selected business idea (14444).

Your Learning Plan

Unit Standards:

Develop a learning plan and a portfolio for assessment (12465).

Description of assessment of competencies per learning outcome (per module).



MODULE	CORE/ FUNDAMENTAL/ ELECTIVE	US	UNIT STANDARD TITLE	LEVEL	CREDITS
1. Health and Safety in the Workplace	Core	9964	Apply health and safety to work area	2	3
	Core	13220	Keep the work area safe and productive	2	8
	Core	13167	Identify potential hazards and critical safety issues in the workplace	1	2
	Elective	13222	Deal with safety, health and environmental emergencies in the workplace	2	4
2. My Role in the Workplace	Core	12036	Orientate self in the workplace	2	6
	Core	12456	Explain and use organizational procedures	3	6
3. Productivity	Core	13162	Identify and describe inputs, outputs, stages and quality indicators of the manufacturing, assembly or engineering process	1	10
	Core	14445	Frame and implement an individual action plan to improve productivity within an organizational unit	1	3
4. Monitoring Quality	Core	119139	Monitor the quality of the input materials and the manufactured plastic product	2	12
5 Routine Maintenance	Core	13221	Perform routine maintenance	2	8
	Elective	7106	Conduct minor routine and breakdown maintenance on equipment and machines	2	6
6. Count stock	Core	114891	Count stock for a stock-take	2	5
7. Supply chain	Core	12667	Supply raw and processed material to production line	2	3
8. HIV/ AIDS	Core	12463	Understand and deal with HIV/AIDS	2	3
Electives with credits to the value of a minimum of 10 credits must be selected from the groups below to make up the required 28 Elective credits for the Qualification					
Use and Care for Tools	Elective	119744	Select, use and care for engineering hand tools	2	8
	Elective	9879	Use and care for tools and equipment	2	10
Logistics	Elective	244504	Describe and explain the principles of logistics support in a specific context	3	6
Maintain stock	Elective	117897	Maintain stock balances in a distribution centre	3	8
	Elective	117901	Receive stock in a DC/Warehouse	3	15
Business Plan	Elective	14444	Demonstrate an understanding of a general business plan and adapt it to a selected business idea	1	7
Your Learning Plan	Elective	12465	Develop a learning plan and a portfolio for assessment	2	6

Visit www.siyayaskills.co.za for any further information
or contact us directly on 0861 00 99 04.

Level 1 B-BBEE Company