



CPT

SKILLS DEVELOPMENT SOLUTIONS



Learnerships



Skills
Programmes

National Certificate: Production Technology NQF

3

SAQA ID.: 58785

General Information

Qualification Title	National Certificate: Production Technology
SAQA Qualification ID	58785
NQF Level	NQF 3
Minimum Credits	120
Primary ETQA	MerSETA
Registration Status	Registered

Purpose of the Qualification

The combination of learning outcomes that comprise this qualification will provide the qualifying learner with vocational knowledge and skills appropriate to the context of production technology.

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.

The qualifying learner will be able to:

- Perform production maintenance activities and report irregularities within organisational structures.
- Apply the fundamental concepts, theories and techniques of production systems.
- Apply the fundamental concepts relating to production planning, scheduling and control.
- Apply quality control and quality assurance practices for efficient and effective production processes.
- Communicate effectively as a member of a team.

This qualification is the second qualification in a pathway of three (3) qualifications for learners in the production technology environment.

Rationale for the Qualification

As a result of an increased need for efficient and quality production processes in the manufacturing, engineering and technology field, the demand for production technology competencies has become more evident.

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 programmes to incumbents in any other manufacturing, engineering and technology field qualifications.

This qualification will add value to a specific manufacturing, engineering and technology context by complementing contexts specific qualifications within these sectors. The supportive relationship between occupational qualifications and this suite of qualifications is embedded in the inclusion of production

technology competencies that have previously not been included in mainstream production, manufacturing and technological qualifications in order to address these identified gaps.

These qualifications have therefore been designed in such a way to firstly, facilitate the building of a pool of people that can choose a career in a production, engineering, manufacturing field and secondly, to allow any of the manufacturing and related qualifications to utilise the production technology qualifications as entry qualifications in these industries, since they would include the production technology competencies that these industries require.

Modules

National Certificate: Production Technology NQF 3 SAQA ID.: 58785			
Module No.:	Name of Module	Unit Standards	Duration of Module
PoE 01	Plan and Prepare a POE for Assessment		1 Day
Module 1	Communication Skills	119472, 119465, 119457, 119467	5 Days
Module 2	Numeric Skills	9013, 9010	5 Days
Module 3	Interpreting Data and Financial Issues	9012, 7456	5 Days
Interim Assessments of POE (Learners not Required)			
Module 4	Planning and Scheduling Production	116218	5 Days
Module 5	Introduction to Logistics	244504, 116280, 113829	5 Days
Module 6	Safety Health and Environmental Practices	13223, 12455	5 Days
Interim Assessments of POE (Learners not Required)			
Module 7	Quality Assurance Techniques	13234	5 Days
Module 8	First Line Maintenance	9913	2 Days
Module 9	Organisational Functions and Teamwork	242814, 120379	4 Days
Total Number of Classroom Days:			41 Days
Final Assessments & Practical (Learners Required) <i>Please note: We can only accommodate 6 learners per day for practical's</i>			

Core Unit Standards

Unit Standard No.:	Name of Unit Standard	Credits
13234	Apply quality procedures	8
13223	Apply safety, health and environmental protection procedures	6
244504	Describe and explain the principles of logistics support in a specific context	6
116218	Explain the planning and scheduling of tasks in a production environment	3
242814	Identify and explain the core and support functions of an organisation	6
9913	Perform first line maintenance	14
120379	Work as a project team member	8
Note: ALL CORE Unit Standards are covered - 51 credits		

Fundamental Unit Standards

Unit Standard No.:	Name of Unit Standard	Credits
119472	Accommodate audience and context needs in oral/signed communication	5
9010	Demonstrate an understanding of the use of different number bases and measurement units and an awareness of error in the context of relevant calculations	2
9013	Describe, apply, analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	4
119466	Interpret a variety of literary texts	5
119457	Interpret and use information from texts	5
9012	Investigate life and work related problems using data and probabilities	5
119467	Use language and communication in occupational learning programmes	5
7456	Use mathematics to investigate and monitor the financial aspects of personal, business and national issues	5
Note: ALL FUNDAMENTAL Unit Standards are covered - 36 credits		

Elective Unit Standards

Unit Standard No.:	Name of Unit Standard	Credits
113829	Operate within a logistics environment	10
12455	Perform the role of a safety, health and environmental protection representative	4
116280	Demonstrate understanding of warehouse manufacturing and inventory assembly	20
Note: ELECTIVE unit standards covered equal - 34 credits		

During the Learnership

During the Learnership the learner will be required to attend class for each module. The lecturer is there to assist the learners in their studies to successfully complete the Learnership. The learner will receive the following during the Learnership:

- At the beginning of the Learnership the learner will be supplied with their Portfolio of Evidence and will spend time on the first day of class putting together their Portfolio of evidence so the learner knows how their portfolio works.
- For each module the learner will receive a workbook with the relevant information relating to the Unit Standards for that module.
- The learner will go through continuous assessments during the learnership to make sure all the relevant exercises are completed satisfactorily.
- At the end of the theory part of the learnership a Senior Assessor will conduct the final assessment as well as the practical for the Learnership.

Once the final assessments are completed the Final Assessor will bring all the Portfolios back to the College for Internal Moderation. Once the Internal Moderator is satisfied with the Portfolios CPT will arrange with the relevant SETA to conduct the External Moderation.

The client will be sent a copy of the External Moderation Report showing the final outcome of the Portfolios. CPT will then apply for the Certificates with the relevant SETA on behalf of the client.

Qualification Rules

In order for a learner to successfully enter this learnership, the following must be adhered to:

1. The learner must have a qualification at least one level lower than the respective Learnership they are entering into. For example, if the learner wishes to enter a NQF 3 Learnership then he / she must have an equivalent to a Grade 10 School report or an NQF 2 Qualification in a SIMILAR field as the respective Learnership.
2. The learner must be a South African citizen or a valid work permit with a passport from their country of origin.
3. The Learner will be completing a SETA Learner agreement before commencing on the Learnership. These contracts will be completed with the learner on the first day of class. The learner needs to bring two (2) originally certified copies of their Identification Document as well as two (2) originally certified copies of their Highest Qualification.

Contact Details

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