



CPT

SKILLS DEVELOPMENT SOLUTIONS



Learnerships



Skills
Programmes

**National Certificate: Power & Telecommunication
Cable Manufacturing NQF 2**

SAQA ID.: 21011

General Information

Qualification Title	National Certificate: Power & Telecommunication Cable Manufacturing
SAQA Qualification ID	21011
NQF Level	NQF 2
Minimum Credits	128
Primary ETQA	MerSETA
Registration Status	Registered

Purpose of the Qualification

The purpose of the qualification is to provide learners, education and training providers and employers with the standards and the range of learning required to achieve competence in the operation of machines in the cable manufacturing industry.

This qualification recognises the skills, knowledge and values acquired by learners involved in operating and monitoring manufacturing machinery and working in the cable manufacturing industry using such processes.

The main skills that are recognised in this qualification are operating and monitoring machines and recognising and responding to changes in the manufacturing of cables and cable components. This capability requires an understanding of basic quality requirements and monitoring material flow. Hand skills play a role in this qualification.

Qualifying learners will also be able to relate what they see and experience to basic scientific and technological principles and concepts. What learners achieve in this qualification will also serve as a basis for further learning where they will engage more directly in the production processes.

Rationale for the Qualification

The cable manufacturing industry is characterised by diverse manufacturing processes operating in a globally competitive and challenging environment. The manufactured products have to respond to a wide variety of exacting customer and consumer requirements.

This first qualification forms a basis for learners who want to follow a career in the cable manufacturing industry. This qualification reflects the skills, knowledge and understanding required to participate effectively in the cable manufacturing industry, whether in micro, small, medium or large operations.

Modules

National Certificate: Power & Telecommunication Cable Manufacturing NQF 2 SAQA ID.: 21011			
Module No.:	Name of Module	Unit Standards	Duration of Module
PoE 01	Planning and Preparing a POE for Assessment		1 Day
Module 1	Communication Skills	8963, 13217, 12461, 8962, 8964	5 Days
Module 2	Numeric Skills	9007, 7480, 12444	5 Days
Module 3	Life Skills	9268, 9009, 7469, 12463	6 Days
Interim Assessments of POE (Learners not Required)			
Module 4	Business Skills	9322, 12466, 14445	5 Days
Module 5	Safety in a workplace	13222, 116241	5 Days
Module 6	Identify and process waste	9909	2 Days
Interim Assessments of POE (Learners not Required)			
Module 7	Perform basic welding / joining of metals	119753	3 Days
Module 8	Firefighting and first aid	12484, 12483	4 Days
Module 9	Manufacturing Operation: Introduction	9876, 9878, 9879	7 Days
Total Number of Classroom Days:			43 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
9878	Complete post-production and finishing operations	12
12466	Explain the individual's role within business	4
9909	Identify and process waste	4
9876	Operate and monitor machinery	12
119753	Perform basic welding/joining of metals	8
9879	Use and care for tools and equipment	10
9322	Work in a team	3
116241	Work Safely and use safety equipment when carrying out mechanical or electrical work on air conditioning, refrigeration and ventilation installations	7
Note: ALL CORE Unit Standards are covered - 60 credits		

Fundamental Unit Standards

Unit Standard No.:	Name of Unit Standard	Credits
8963	Access and use information from texts	5
9009	Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems	3
13217	Collect and use information	5
12461	Communicate at work	5
7480	Demonstrate understanding of rational and irrational numbers and number systems	3
12465	Develop a learning plan and a portfolio for assessment	6
8962	Maintain and adapt oral communication	5
9268	Manage basic personal finance	6
12444	Measure, estimate and calculate physical quantities and explore, describe and represent geometrical relationships in 2-dimensions in different life or workplace contexts	3
12463	Understand and deal with HIV/AIDS	3
7469	Use mathematics to investigate and monitor the financial aspects of personal and community life	2
9007	Work with a range of patterns and functions and solve problems	5
8964	Write for a defined context	5
Note: ALL FUNDAMENTAL Unit Standards are covered - 56 credits		

Elective Unit Standards

Unit Standard No.:	Name of Unit Standard	Credits
14445	Frame and implement an individual action plan to improve productivity within an organisational unit	3
13222	Deal with safety, health and environmental emergencies in the workplace	4
12484	Perform basic fire fighting	4
12483	Perform basic first aid	4
10584	Perform basic winding/rewinding of cable manufacturing materials	3
Note: ELECTIVE unit standards covered equal - 18 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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**CPT is ACCREDITED as a TRAINING PROVIDER
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Accreditation No.: 17-QA/ACC/0030/06**