



CPT

SKILLS DEVELOPMENT SOLUTIONS



Learnerships



Skills
Programmes

FETC: Metals Production

NQF 4

SAQA ID.: 64209

General Information

Qualification Title	FETC: Metals Production
SAQA Qualification ID	64209
NQF Level	NQF 4
Minimum Credits	140
Primary ETQA	MerSETA
Registration Status	Registered

Purpose of the Qualification

This qualification is for any individual who is, or wishes to be, involved in a metals production environment and be able to perform a range of activities to control an entire production process within a metal production environment. The individual will operate within a specific metals production environment like melting, refining, casting, rolling, shearing, forging and other metallurgical processes.

In general, individuals at this level in the metal production environment will operate in a 'pulpit' from which they have oversight of the entire production process. In the iron and steel sector, for example, they would be found controlling the production process at a blast furnace, or at steel furnace or the production of coils in a hot rolling environment. These processes are large scale operations involving a high level of responsibility. Production errors committed at this level result in huge financial losses and can impact significantly on related processes or activities both upstream and downstream.

While in some instances the production process controller will manage other individuals in most instances the controller manages and coordinates the activities of the individuals involved in the production process. An individual acquiring this qualification will be able to contribute towards the smooth and efficient operation of the entire production processes in the metal production sector.

Rationale for the Qualification

Metals production can be defined as the processing of raw materials into metal products, including value adding processes. The metals production sector constitutes the following industries: iron and steel, aluminium, platinum, chrome and zinc and is characterised by sophisticated processes. Companies within this sector operate in a global competitive and challenging environment. The products produced have to respond to a wide variety of customer requirements and safety, health, environmental, quality and risk management issues.

Typical learners will be persons who wish to become qualified controllers in a metals production environment. Many of these will be persons currently operating in this environment who have not received any formal recognition for their skills and knowledge. Other learners will be those who have completed the National Certificate: Metals Production at NQF Level 3.

South Africa has a very extensive and highly developed metals production sector. This sector employs a large number of people, is well-established and economically powerful. In terms of transformation in the country, learners will require skills and competencies to gain access to positions within management structures by completing other Qualifications and training. It will be in the interest of the country and the sector to ensure that those who operate in the metals production environment are trained according to this Qualification to improve productivity and efficiency.

This national Qualification and its related Unit Standards were developed to standardise the accreditation of learning programmes, resulting in improved quality management in terms of programme delivery.

This Further Education and Training Certificate: Metal Production at NQF Level 4 supports the objectives of the NQF in that it gives the learner access to a registered qualification. It will ensure that the quality of education and training in the sub-field is enhanced and of a world-class standard. The qualification will allow learners to benchmark their competencies against international standards.

Modules

FETC: Metals Production NQF 4			
SAQA ID.: 64209			
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 1	119457, 119465, 119469, 119459	5 Days
Module 2	Communication Skills 2	119472, 119467, 119462, 119471	5 Days
Module 3	Measurement and Statistics	9015, 9016	6 Days
Module 4	Finance	7468	2 Days
Interim Assessments of POE (Learners not Required)			
Module 5	Quality in the Workplace	14586	5 Days
Module 6	Problem Solving & Decision Making	242811, 242817	4 Days
Module 7	SHE in the Workplace	120366, 243301	5 Days
Interim Assessments of POE (Learners not Required)			
Module 8	Plan & Control a Production Process	259694, 259685	5 Days
Module 9	Performance Management	11473, 242816	4 Days
Total Number of Classroom Days:			42 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
259694	Control a production process	25
120366	Demonstrate understanding of the implementation of occupational health, safety and environmental legislation in the work place	9
243301	Manage safety and emergency incidences	6
14586	Monitor and control quality control practices in a manufacturing/engineering environment	8
259685	Plan and set-up a metals production process	13
242811	Prioritise time and work for self and team	5
242817	Solve problems, make decisions and implement solutions	8
Note: <u>ALL</u> CORE Unit Standards are covered - 74 credits		

Fundamental Unit Standards

Unit Standard No.:	Name of Unit Standard	Credits
119472	Accommodate audience and context needs in oral/signed communication	5
119457	Interpret and use information from texts	5
119467	Use language and communication in occupational learning programmes	5
119465	Write/present/sign texts for a range of communicative contexts	5
9015	Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems	6
119462	Engage in sustained oral/signed communication and evaluate spoken/signed texts	5
119469	Read/view, analyse and respond to a variety of texts	5
9016	Represent analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	4
119471	Use language and communication in occupational learning programmes	5
7468	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues	6
119459	Write/present/sign for a wide range of contexts	5
Note: <u>ALL</u> FUNDAMENTAL Unit Standards are covered - 36 credits		

Elective Unit Standards

Unit Standard No.:	Name of Unit Standard	Credits
11473	Manage individual and Team Performance	8
242816	Conduct a Structured Meeting	5
Note: ELECTIVE unit standards covered equal - 25 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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