



# Articulation

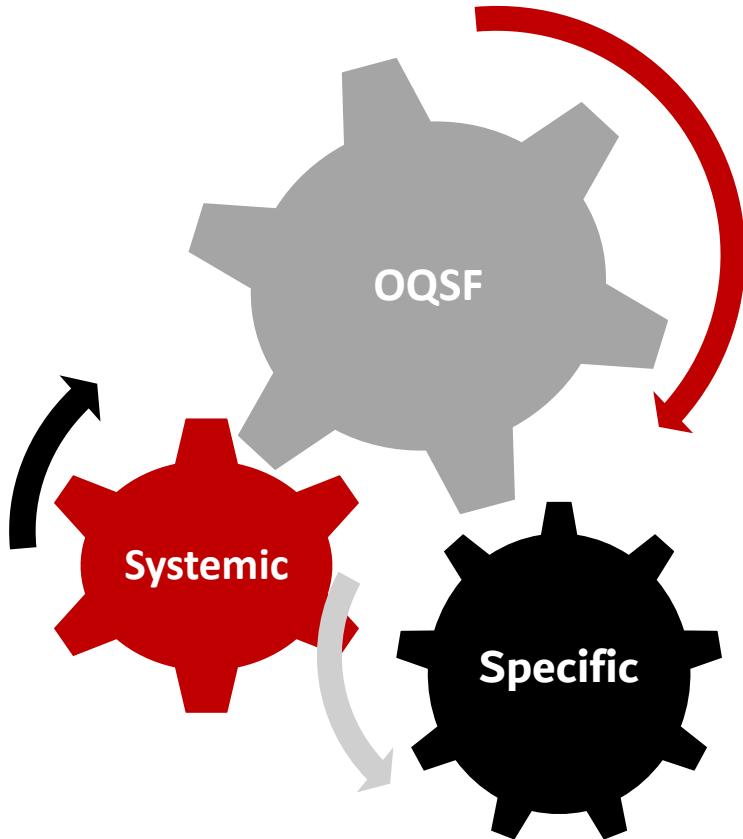
Portfolio Committee on Higher Education,  
Science and Technology

18 November 2020

# Current Realities

1. Inequality in the South African education and training system in general and the schooling system, post schooling also, in particular regarding **articulation is a serious concern**
2. Ministerial Task Team document on Articulation Policy – 24 June 2014, GG 37775
3. (National) Articulation Policy - 13 January 2017
4. QCTO is busy developing its own Articulation Policy
5. QCTO currently uses the National Articulation Policy

# Articulation Defined



1. **‘Systemic articulation’** or ‘joined up’ qualifications and various other elements aligned to and supporting, learning pathways. **Systemic articulation is based on legislation and the steering mechanisms available to the state**, such as planning and funding in the education and training system.
2. **‘Specific articulation’** is based on the formal and informal agreements within the system for education and training – **between institutions** – as guided by policies, accreditation principles, and mechanisms like Credit Accumulation and Transfer (CAT) or Memoranda of Understanding (MoU). (SAQA, October 2017).
3. QCTO endeavours to increase the specific articulation possibilities but ensures that legislated articulation is adhered to.

# Principles of Articulation

1. The education –training continuum
  - (no dead ends /migrate in and out of different pathways/ addresses life-long learning)
2. Simple system and rules
  - (Learner focussed/ understanding and acceptable)
3. Curriculum Articulation
  - (Curriculum developing team consult with industry/ Meets the needs of the economy)
4. Programmatic versus institutional Articulation
  - (Ensures redress, equity and inclusiveness/discourages institutional articulation)
5. Effectiveness, Differentiation and Efficiency
  - (Promote the value of learning outcomes achieved through different routes/ meet the needs of the material condition of the society/addresses inefficiencies)
6. Must be done by design
  - (programmes/qualifications should provide articulation options)
7. Must include credible and fair procedures and practices to valid learning

# Articulation Options/Possibilities

## 1. Horizontal Option

- a) Within the Sub-Framework from one occupational qualification to another on same NQF Level;
- b) Across Sub-Frameworks on the same NQF Level.

## 2. Vertical Option

- a) Within the Sub-Framework from one occupational qualification to another on different NQF Level;
- b) Across Sub-Frameworks on different NQF Level.

## 3. Diagonal Option

- a) Across Sub-Frameworks on different NQF Level.

# Articulation Possibilities within and across Sub-Frameworks

Articulation Possibilities

Horizontal articulation possibilities  
Occupational Certificate:  
Electrician, NQF Level 4

Vertical articulation possibilities

Specific articulation needs to happen here

Occupational Certificate: Electrical Line Mechanic, NQF Level 4  
Occupational Certificate: Low Voltage Power Line Maintenance Practitioner, NQF Level 4  
Occupational Certificate: Medium Voltage Power Line Maintenance Practitioner, NQF Level 4

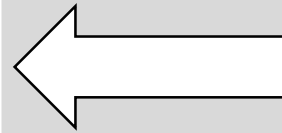
Occupational Certificate:  
Electrical Substation Operations Technician (Power System Controller), NQF Level 5

Diploma:  
Engineering... NQF Level 6

# Articulation possibilities

Registration at ECSA:  
 I. Professional Engineer;  
 ii. Professional Engineering Technologist;  
 iii. Professional Certificated Engineer; or  
 iv. Professional Engineering Technician.

(b) Candidate, which is divided into:  
 i. Candidate Engineer;  
 ii. Candidate Engineering Technologist;  
 iii. Candidate Certificated Engineer; or  
 iv. Candidate Engineering Technician.

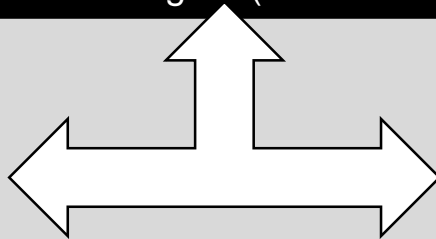


HEI's:  
 Higher Certificate  
 Higher Certificate  
 Advanced Certificate .  
 Diploma  
 Advanced Diploma .  
 Bachelor's Degree  
 Bachelor Honours Degree.  
 Postgraduate Diploma  
 Master's Degree  
 Master's Degree (Professional).  
 Doctoral Degree  
 Doctoral Degree (Professional).

- N4-N6 Engineering Management Level 5
- National N Diploma Engineering management Level 6



Reconstruction of Engineering into Occupational Diploma: Engineering Technician:



Logbooks for work experience:  
 67043 National N Diploma: Engineering Studies: Electrical  
 67403 National N Diploma: Engineering Studies: Mechanical  
 67403 National N Diploma: Engineering Studies: Civil Construction

Knowledge Modules	Practical	Work Experience
Mathematical Sciences	Contextualised accordingly and possibly be discipline specific	
Natural Sciences		
Engineering Sciences		
Design and Synthesis		
Computing and Information Technology		
Complementary studies		

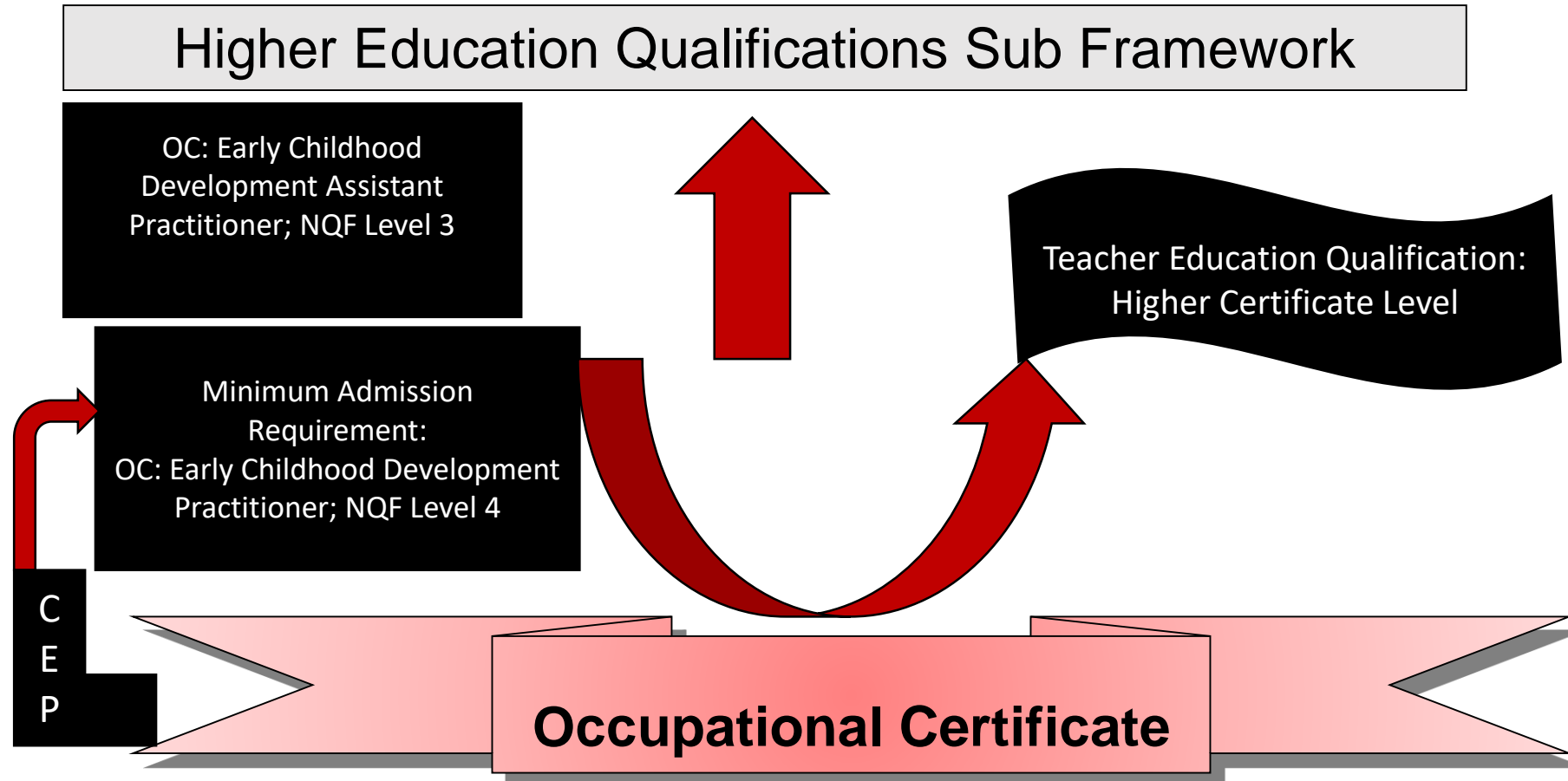
**Level 5 and above**

NCV Engineering related programmes

• **Level 2-Level 4**

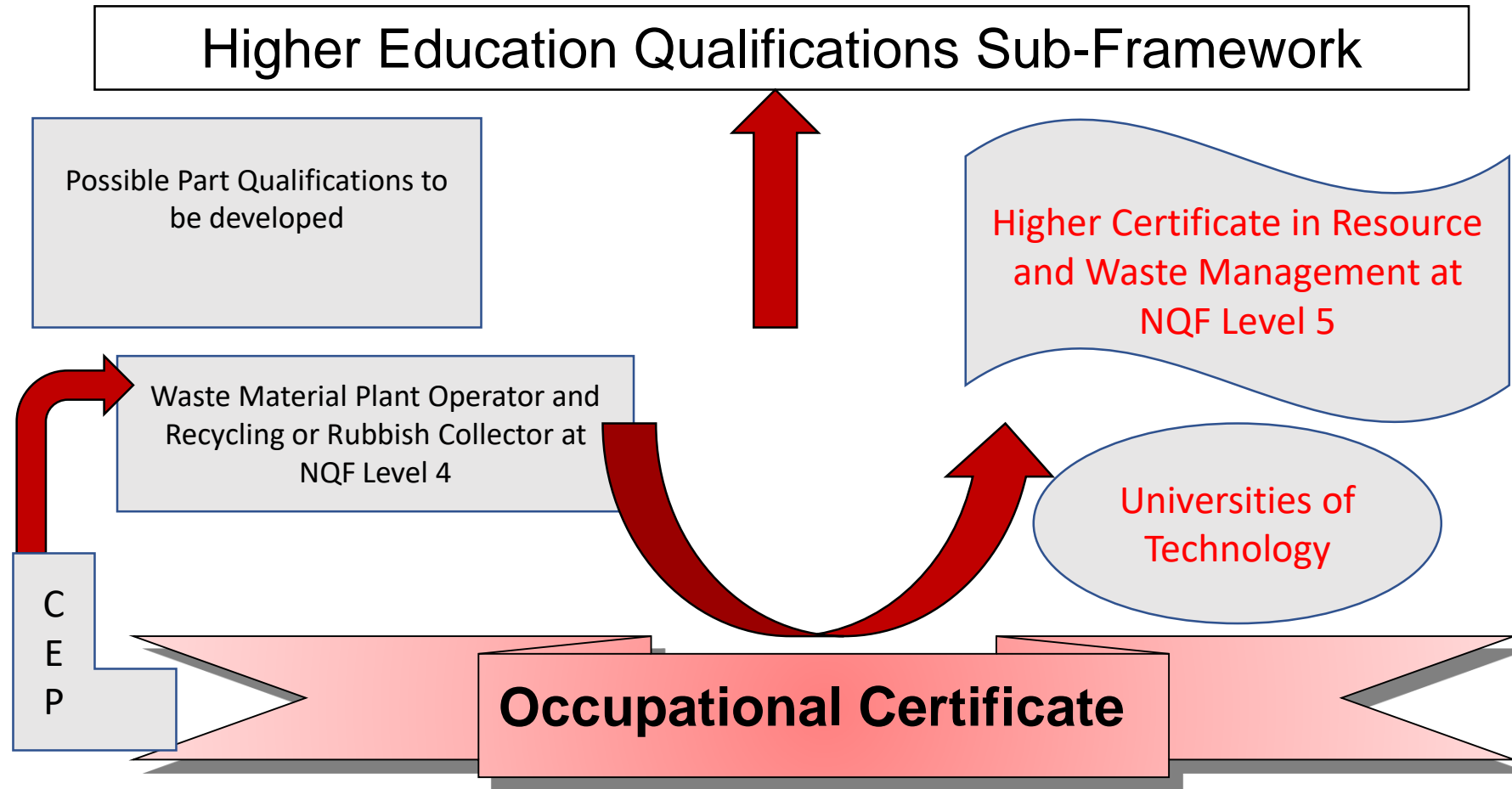
Occupational Certificates – Trade related

# Articulation possibilities



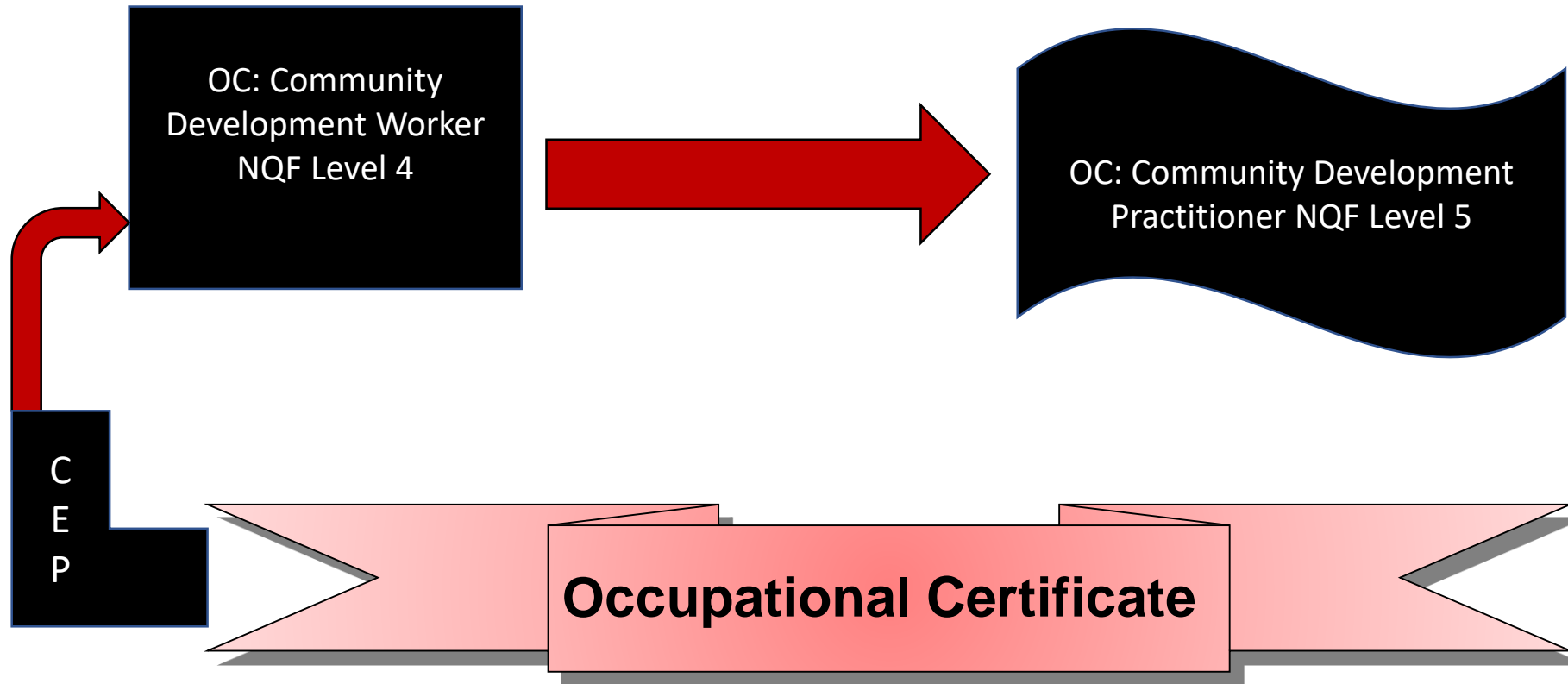


# Articulation possibilities



# Articulation possibilities

## Occupational Qualifications Sub-Framework



NQF 1  
>Gr9

NQF 2 – 4  
Gr 10 - 12

NQF 5 - 10

Multiple Learning Pathways (FET Band)

General/Academic

Academic Stream

Prepare for General/Academic studies at university

Academic studies  
e.g. BA, BSc, BCom  
Academic careers

Visual and Performing Arts

Engineering/Technical

BCM Studies

Agriculture

Hospitality

Others

Vocational Stream

Prepare for Professional Studies

Professional careers e.g. engineers,  
medical professions, teachers, artists,  
etc.

Occupational Stream

Prepare for World of Work

Occupational studies  
e.g. trades, technicians,  
operators, etc.

General-Formative (GET Band)

Vocational Orientation

Occupational Orientation

NQF Level	MHET Determination on Sub-Framework and Qualifications Types (Government Gazette No 36803 – 30 August 2013 )	
10	Doctoral Degree Doctoral Degree (Professional)	*
9	Master's Degree Master's Degree (Professional)	*
8	Bachelor Honours Degree Post Graduate Diploma Bachelor's Degree	Occupational Certificate (Level 8)
7	Bachelor 's Degree Advanced Diploma	Occupational Certificate (Level 7)
6	Diploma Advanced Certificate	Occupational Certificate (Level 6)
5	Higher Certificate	Occupational Certificate (Level 5)
4	National Certificate	Occupational Certificate (Level 4)
3	Intermediate Certificate	Occupational Certificate (Level 3)
2	Elementary Certificate	Occupational Certificate (Level 2)
1	General Certificate	Occupational Certificate (Level 1)

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# To aid Articulation Possibilities – New Revised OQSF Nomenclature

1. NQF Level 1-3: Occupational Certificate
2. NQF Level 4: National Occupational Certificate
3. NQF Level 5: Occupational Higher Certificate
4. NQF Level 6: Occupational Diploma
5. NQF Level 7: Occupational Advanced Diploma
6. NQF Level 8: Specialised Occupational Diploma

To improve NQF Systemic cohesion, articulation possibilities and parity of esteem

# Recognition of Prior Learning (RPL)

1. Access to an Occupational Qualification or Part Qualification
2. Access to the External Integrated Summative Assessment (EISA)
3. Access to be awarded an Occupational Qualification or Part Qualification

QCTO in relation to 1 and 2 above (70% RPL through OQSF)

# Credit Accumulation and Transfer (CAT)

1. Historical OQSF Qualifications with Unit Standards CAT recognised...
2. New OQSF Occupational Qualifications CAT recognised through the Modules completed (statement or results) from one Skills Development Provider (SDP) to another

# Thank You



Stay in touch with the QCTO



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