

Road Pavement Forum Nov 2014

Civil Engineering Materials Tester Qualification



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Materials Tester Qualification



- Development sponsored by SABITA



- Assessment partner is NLA-SA



Materials Tester Qualification (2)

- Officially it is
Occupational Certificate:
Civil Engineering Technician (Civil
Engineering Materials Tester)
NQF level 4 (L4)
- This is not a National Diploma that trains
Civil Engineering Technicians



Qualification Details

- Sub-framework:
Occupational Qualifications.
- Field: Physical Planning and
Construction.
- Sub-field: Physical Planning, Design
and Management.
- Credits: 360 (Cr360)



Qualification Details (2)

- Registered qualifications and or learning programmes to be replaced:
 - SAQA ID 49058, National Certificate: Construction Materials Testing, NQF 2;
 - SAQA ID 49017, National Certificate: Construction Materials Testing, NQF 3;
 - SAQA ID 48817, Further Education and Training Certificate: Construction Materials Testing, NQF 4.



Qualification Details (3)



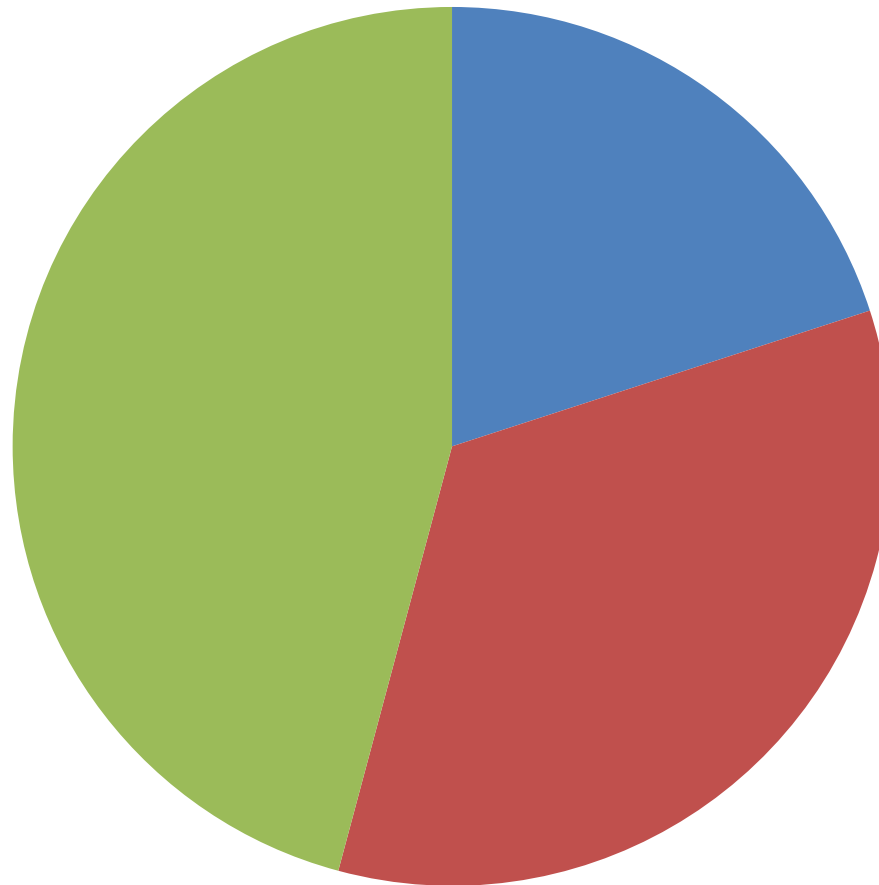
- 72 Credits for Knowledge Modules
- 123 Credits for Practical Modules
- 165 Credits for Workplace Experience Modules



- 360 Credits in Total



Qualification Details (4)



- Knowledge Modules
- Practical Modules
- Work Place Experience



7 Part Qualifications

- Aggregates Tester
- Soils, Gravel And Crushed Stone Base Materials Tester
- Bituminous Binders Tester
- Asphalt Tester
- Concrete Tester
- Mining and Quarrying Aggregates Tester
- Concrete Tester (Concrete Manufacturing)



Evaluation

- Formative Assessment
 - Knowledge Modules
 - Practical Modules
 - Work Experience Modules



Evaluation (2)

- Formative Assessment
 - Knowledge Modules
 - Practical Modules
 - Work Experience Modules
- Summative Assessment



Evaluation (3)

- Registration of Assessors
 - Min 5 years as Tech Signatory, or
 - Tech Assessor with SANAS, or
 - ECSA Pr registration with 5 years lab experience



AQP progress



- Framework:
 - Who,
 - Where,
 - When
 - Cost for evaluation



AQP progress (2)

- Timeframes:
 - June 2015 – Submit to QCTO,
 - December 2015 – Start accrediting trainers,
 - June 2016 – Start RPL of candidates
 - December 2016 – Start full evaluations
 - December 2017 – Full implementation



THANK YOU

