

NATIONAL CERTIFICATE: COMMUNITY HOUSE BUILDING



PURPOSE

The purpose of the qualification is to provide learners` as well as providers of education and training with national standards that represent the competencies required to meet the challenges of participating effectively in the building construction industry as a multiskilled practitioner.

Rules regarding Fundamental, Core and Electives:

- Fundamental standards totalling 45 credits.
- Core unit standards totalling 80 units.

Elective unit standards are optional and not required as the core and fundamental unit standards equate to the minimum credit required for the qualification.

ENTRY CRITERIA

 Numeracy and Literacy at NQF Level 1 (ABET Level 4) competencies within the General Education and Training Band (GET).

SKILLS OUTCOMES

- Demonstrate competent performance against the criteria contained in the fundamental unit standards selected for the Numeracy and Literacy competencies that are required of multiskilled practitioners in the construction industry.
 - Apply energy efficient environmental principles that result in the construction of buildings that are environmentally sound.
 - Demonstrate a basic understanding of the construction industry, stakeholders, relevant regulations, legislation and skills development initiatives.
- Prepare basic sketches and drawings as well as read and interpret basic construction drawings and specifications.
- Apply health and safety legislation when carrying out the range of activities associated with the building of community houses.
- Render basic first aid when minor injuries are sustained to self or personnel engaged in building activities on the site.
- Erect, use and dismantle basic access equipment.
- Set out, excavate and cast concrete strip foundations and build foundation walling onto which a concrete slab is cast.
- Set out and prepare carpentry work areas for the limited range of carpentry practices carried out during the construction of houses of a basic design.
- Use brick size and block size units to build walls, including the building of bricks into pre-erected light steel framed walls.
- Set out, brace and erect site made roof trusses and including prefabricated roof trusses where these have been specified.
- Apply screeds to concrete floors.
- Measure, cut and fit glass into wood and steel frames in accordance with specified dimensions.
- Prepare, prime and paint internal and external surfaces.

Depending on area of specialisation chosen:

- Construct on-site sanitation facilities on sites where houses of a basic design are being built for the community.
- Measure and order building materials and identify, select and maintain required tools and equipment.
- Manage labour, plant, equipment and material resources on construction projects.

For more information on how your organisation can benefit, contact Training Force:

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CONSTRUCTION

MARKET INFORMATION

Target Market: Community entrepreneurs and Tradesmen • Builders • Unemployed persons • Municipality workers • Maintenance staff Target Industries: Construction companies • Municipalities

RESOURCE REQUIREMENTS

Scaffolding Construction tools and small machinery First Aid consumables Construction materials: Tiles • Cement • Doors • Paint • Paint brushes • Glass panes • Putty • Silicone • Damp proofing • Sand, etc.

Depending on specialisation area:

Toilets and other plumbing materials, steel and timber for formwork, cladding for roofing, finishing consumables.

GENERAL INFORMATION

Credit Accumulation Transfer (CAT): CAT exemption is only applicable to approved learners. Approved learners will have reduced contact days. Learners who do not meet with CAT requirements will need to complete all Clusters in full. FISA Requirements: Final Integrated Summative Assessment is a requirement for the successful completion of this learnership. Recognition of Prior Learning: RPL is not available for this qualification.

Cluster 1 Part 1- Communication skills - Credit Accumulation Transfer is applicable to the unit standards below:

Outcome	SAQA ID	Name of Unit Standard	Credits
Fundamental	8963	Access and use information from texts.	5
Fundamental	8967	Use language and communication in occupational learning programmes.	5
Fundamental	8964	Write for defined context.	5
Fundamental	9960	Communicate verbally and non-verbally in the workplace.	8

Recommended training days for Cluster 1 part 1 is 4 days.

Cluster 1 Part 2 - Construction industry composition (compulsory)

Outcome	SAQA ID	Name of Unit Standard	Credits
Fundamental	14889	Describe the composition, role-players and the role of the construction industry in the South African economy.	3
Fundamental	14054	Read and interpret construction drawings and specifications.	3

Recommended training days for Cluster 1 part 2 is 1 days.

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Cluster 1 Part 3 - Mathematical skills - Credit Accumulation Transfer is applicable to the unit standards below:

Outcome	SAQA ID	Name of Unit Standard	Credits
Fundamental	7480	Demonstrate understanding of rational and irrational numbers and numbers systems.	3
Fundamental	7469	Use mathematics to investigate and monitor the financial aspects of personal and community life.	2
Fundamental	9007	Work with a range of patterns and functions and solve problems.	5
Fundamental	9009	Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems.	3
Fundamental	12444	Measure, estimate and calculate physical quantities and explore, desicribe and represent geometrical relationships in 2-dimensions in different life or workplace contexts.	3

Recommended training days for Cluster 1 part 3 is 3 days.

Cluster 2 (compulsory)

Generic

Outcome	SAQA ID	Name of Unit Standard	Credits
Core	9964	Apply health safety to work area.	3
Core	9965	Render basic first aid.	3
Core	14894	Set out and prepare construction work areas.	3
Core	9967	Erect, use and dismantle access equipment.	6

Recommended training days for Cluster 2 - Generic is 3 days.

Bricklaying / Plastering / Tiling

Outcome	SAQA ID	Name of Unit Standard	Credits
Core	14882	Apply screeds to a concrete floor.	15
Core	14883	Apply tiles to plastered surfaces.	4
Core	14884	Build masonry superstructures using solid and hollow blocks.	12
Core	14895	Set out, excavate, cast concrete strip foundations, build foundation walling and cast concrete slabs.	6

Recommended training days for Cluster 2 - Bricklaying / Plastering / Tiling is 7 days.

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Carpentry

Outcome	SAQA ID	Name of Unit Standard	Credits
Core	14887	Clad roof structures.	6
Core	14891	Erect roof trusses.	14

Recommended training days for Cluster 2 - Carpentry is 4 days.

Painting

Outcome	SAQA ID	Name of Unit Standard	Credits
Core	14892	Install glazing.	2
Core	14893	Paint internal and external surfaces.	6

Recommended training days for Cluster 2 - Painting is 2 days.

Cluster 3 (optional)

Outcome	SAQA ID	Name of Unit Standard	Credits
Elective	14888	Construct on-site sanitation facilitie.	2
Elective	9968	Procure materials, tools and equipment.	6

Recommended training days for Cluster 2 is 2 days.

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