



THE REPUBLIC OF KENYA

NATIONAL OCCUPATIONAL STANDARDS
FOR
BUILDING TECHNICIAN

KNQF LEVEL 6
ISCED PROGRAM CODE: 0732 554B



TVET CDACC
P.O BOX 15745-00100
NAIROBI

EXECUTE BUILDING FINISHES

UNIT CODE: CON/OS/BUT/CR/07/6/A

UNIT DESCRIPTION

This unit describes the competences required to perform building finishes. It entails plastering building walls (internal and external) applying floor finishes, painting building surfaces, applying building facings, wall mastering, lining wall surfaces, carrying out pointing and jointing, cladding building walls and performing rough cast.

ELEMENTS AND PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA (<i>Bold and italicized terms are elaborated in the Range</i>)
1. Apply floor finishes	1.1 Finishing materials are selected as per client specifications and building code. 1.2 Finishing tools and equipment are assembled 1.3 Floor backgrounds are prepared to receive <i>floor finish</i> . 1.4 Floor finish is applied as per client specification and building code
2. Paint Building Surfaces	2.1 Painting materials are selected as per client specification. 2.2 Painting tools and equipment are assembled as per <i>painting method</i> . 2.3 Painting surface is prepared as per the building code 2.4 Paint is mixed as per client specification and producer specification. 2.5 Paint is applied as per the painting procedure. 2.6 Painted surfaces are protected.
3. Apply building facings	3.1 <i>Facing materials</i> , tools and equipment are selected and assembled. 3.2 Facing materials are prepared as per the building code. 3.3 Facing background is prepared. 3.4 Facing are fixed on the prepared background.
4. Apply wall finishes	4.1 Finishing materials are selected as per client specifications and building code. 4.2 Finishing tools and equipment are assembled 4.3 Wall backgrounds are prepared to receive <i>wall finish</i> .

ELEMENT	PERFORMANCE CRITERIA (<i>Bold and italicized terms are elaborated in the Range</i>)
	4.4 Wall finish is applied as per client specification and building code
5. Apply ceiling finishes	<p>5.1 Finishing materials are selected as per client specifications and building code.</p> <p>5.2 Finishing tools and equipment are assembled</p> <p>5.3 Ceiling backgrounds are prepared to receive <i>ceiling finish</i>.</p> <p>5.4 Ceiling finish is applied as per client specification and building code</p>
6. Carry out pointing and jointing	<p>6.1 Jointing and pointing materials, tools and equipment are identified and assembled</p> <p>6.2 Materials for pointing and jointing are prepared</p> <p>6.3 Pointing and jointing background is prepared</p> <p>6.4 Pointing and jointing is carried out as per client specification</p>
7. Perform building rough casting	<p>7.1 Tools and equipment for rough casting are assembled</p> <p>7.2 Materials for rough casting are selected and prepared depending on rough casting surface</p> <p>7.3 Background for rough casting is prepared</p> <p>7.4 Rough cast is applied as per the building code</p>

RANGE

Variable	Range
1. Floor finish may include but is not limited to:	<ul style="list-style-type: none"> • Tiles • Cement sand screed • Terrazzo • Wood parquets • Carpets
2. Painting method may include but is not limited to:	<ul style="list-style-type: none"> • Manual • Mechanical
3. Facing materials may include but is not limited to:	<ul style="list-style-type: none"> • bricks • Wooden blocks
4. Wall finish may include but is not limited to:	<ul style="list-style-type: none"> • wall mastering • wall lining • clad building walls

5. Ceiling finish may include but is not limited to:	1.1 boards 1.2 T and G 1.3 Gypsum board 1.4 Acoustic ceilings
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REQUIRED KNOWLEDGE

- Mortar mixing
- Construction materials
- Building Tools And Equipments
- Safety
- Masonry
- Plastering/rendering

SKILLS

- Plastering
- Painting
- Facing
- Lining
- Pointing and jointing
- Cladding
- Rough casting

EVIDENCE GUIDE

This provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge and range.

1. Critical Aspects of Competency	Assessment requires evidence that the candidate: 1.1 Assembled tools and equipment 1.2 Prepared backgrounds for finishes 1.3 Plastered walls 1.4 Finished floors 1.5 Mixed paints 1.6 Painted walls 1.7 Faced walls 1.8 Mastered walls 1.9 Lined walls 1.10 Pointed and jointed walls 1.11 Cladded walls 1.12 Rough casted walls
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2. Resource Implications	<p>The following resources should be provided:</p> <ul style="list-style-type: none"> 2.1 Workplace or assessment location 2.2 Paint Mixing buckets 2.3 Masonry tools and equipment 2.4 Paints 2.5 Finishing units 2.6 Cement 2.7 Fine Aggregates
3. Methods of Assessment	<p>Competency may be assessed through:</p> <ul style="list-style-type: none"> 3.1 Written Test 3.2 Practical Tests 3.3 Interview/Oral Questioning
4. Context of Assessment	<p>Competency may be assessed on the job, off the job or a combination of these. Off the job assessment must be undertaken in a closely simulated workplace environment.</p>
5. Guidance information for assessment	<p>Holistic assessment with other units relevant to the industry sector, workplace and job role is recommended.</p>