



THE REPUBLIC OF KENYA

NATIONAL OCCUPATIONAL STANDARD

FOR  
FASHION DESIGN MANAGER  
KNQF LEVEL 6

ISCED OCCUPATIONAL STANDARD CODE:0212 554 B



TVET CDACC  
P.O. BOX 15745-00100  
NAIROBI

## DESIGN AND CONSTRUCT BAGS

UNIT CODE: FAS/OS/FD/CR/08/6/A

### UNIT DESCRIPTION

This unit covers the competencies required to design and construct bags. It involves planning for design and construction of bags, designing, sketching and illustrating selected bags, constructing and cutting the bag pattern pieces, laying and cutting bag pieces and constructing and finishing selected bags. It also entails displaying the bags and developing a bag portfolio.

This standard applies in Fashion industry.

### ELEMENTS AND PERFORMANCE CRITERIA

ELEMENT These describe the <b>key outcomes</b> which make up <b>workplace function</b>	PERFORMANCE CRITERIA These are <b>assessable</b> statements which specify the required level of performance for each of the elements.  <b><i>Bold and italicized terms are elaborated in the Range (Passive voice)</i></b>
1. Plan for design and construction of bags	1 .1Production standards are set based on organization objectives. 1 .2 <b><i>Production tools and equipment</i></b> are identified based on fabric and bag design. 1 .3Tools and equipment are checked for serviceability and sufficiency as based on workplace policy and production requirements. 1 .4 <b><i>Production materials and supplies</i></b> are requisitioned/obtained and allocated based on production and market targets and clients' specifications. 1 .5 <b><i>Production tasks</i></b> are identified, and organizational structure developed based on tasks to be performed. 1 .6Staff is identified, and duties allocated based on their competencies. 1 .7New staff is oriented to the organization and the job requirements as per workplace policy. 1 .8Production targets are set based on customers' requirements/orders. 1 .9Production schedules are developed based on production targets. 1 .10 Occupational safety and health are observed as per <b><i>legal requirements</i></b> . 1 .11 Production standard operating procedures are

	developed as per workplace policy.
2. Sketch and illustrate selected bags	<p>2 .1 <b>PPEs</b> are identified and used as per legal requirements.</p> <p>2 .2 <b>Sketching tools</b> are identified and gathered based on standard operating procedures.</p> <p>2 .3 <b>Sketching tools</b> are used as per manufacturers' instructions.</p> <p>2 .4 Client consultation is conducted as per workplace policy.</p> <p>2 .5 Clients specifications are recorded as per workplace policy.</p> <p>2 .6 <b>Sketching and illustration materials and supplies</b> are identified and obtained based on job requirements.</p> <p>2 .7 Bags are sketched and illustrated as per clients' specifications.</p>
3. Design selected bags	<p>3.1 <b>Designing tools</b> are identified and gathered based on standard operating procedures.</p> <p>3.2 <b>Designing materials and supplies</b> are identified and obtained based on job requirements.</p> <p>3.3 Designing tools are used as per manufacturers' instructions.</p> <p>3.4 Design is developed based on clients' specifications/market preference.</p> <p>3.5 Bags are designed based on the illustration.</p>
4. Construct selected bag pattern pieces	<p>4.1 <b>Pattern construction tools</b> are identified and gathered based on standard operating procedures.</p> <p>4.2 <b>Pattern construction materials and supplies</b> are identified and obtained based on job requirements.</p> <p>4.3 <b>Bag pattern pieces</b> are developed based on design.</p> <p>4.4 Pattern pieces are cut as per standard procedures.</p>
5. Lay and cut selected bag pieces	<p>5.1 <b>Laying and cutting tools and equipment</b> are identified and gathered based on standard procedures.</p> <p>5.2 <b>Laying and cutting materials and supplies</b> are identified and obtained based on job requirements.</p> <p>5.3 Pattern pieces are laid on fabric based on fabric type and design as per standard procedure.</p> <p>5.4 Bag pieces are cut in accordance with pattern layout.</p> <p>5.5 Bag pieces are bundled as per standard procedure.</p> <p>5.6 <b>Pattern markings</b> are transferred to the bag pieces as per standard procedure.</p>
6. Construct and finish selected bags	<p>6.1 <b>Bag construction tools and equipment</b> are identified and gathered based on standard procedures.</p> <p>6.2 <b>Bag construction supplies</b> are identified and obtained based on job requirements.</p> <p>6.3 Bag construction tools and equipment are used based on manufacturers' instructions.</p>

	<p>6.4 Bag pieces are joined as per design illustration and standard procedures.</p> <p>6.5 <b>Bag finishing</b> is done based on design illustration accessory and standard procedure.</p>
7. Accessorize the selected bags	<p>7.1 <b>Tools and equipment for bag accessorizing</b> are identified and gathered based on illustrated design.</p> <p>7.2 <b>Materials and supplies for bag accessorizing</b> are identified and obtained based on illustrated bag design.</p> <p>7.3 <b>Method of bag accessorizing</b> is selected based on illustrated bag design.</p> <p>7.4 Bag is accessorized based on illustrated design as per standard operating procedures.</p>
8. Display selected bags	<p>8.1 <b>Tools and equipment for bag display</b> are identified and gathered based on workplace policy.</p> <p>8.2 <b>Materials and supplies for bag display</b> are identified, selected and obtained based on workplace policy.</p> <p>8.3 <b>Bag display area</b> is identified and prepared as per workplace policy.</p> <p>8.4 Bags are packaged as per standard procedure.</p> <p>8.5 Bags are displayed as per workplace policy and standard procedure.</p>
9. Develop a bag portfolio	<p>9.1 Methods of portfolio development are identified and selected based on available resources.</p> <p>9.2 <b>Tools and equipment</b> for portfolio development are identified and gathered as per workplace policy.</p> <p>9.3 <b>Materials and supplies</b> for portfolio development are identified, selected and obtained based on workplace policy.</p> <p>9.4 Bags portfolio is developed as per standard operating procedure.</p>

## RANGE

This section provides work environments and conditions to which the performance criteria apply. It allows for different work environments and situations that will affect performance.

Variables	Range
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<p>1. Bag design and construction tools and equipment may include but not limited to:</p>	<ul style="list-style-type: none"> <li>• 30 cm ruler</li> <li>• Metre rule</li> <li>• Assorted hand needles</li> <li>• Assorted Irons</li> <li>• Assorted machine needles</li> <li>• Assorted mannequins</li> <li>• Assorted scissors</li> <li>• Assorted sewing machines</li> <li>• Camera</li> <li>• USB drive</li> <li>• Compact discs</li> <li>• Computer</li> <li>• Crocheting needles</li> <li>• Cutting shears</li> <li>• Cutting machines</li> <li>• Cutting table</li> <li>• Display boards</li> <li>• Dressmakers pins</li> <li>• Embroidery hoop</li> <li>• French curve</li> <li>• Hangers</li> <li>• Hip curve</li> <li>• Iron</li> <li>• Ironing board</li> </ul>	<ul style="list-style-type: none"> <li>• Knitting needles</li> <li>• Measuring scale</li> <li>• Mirror</li> <li>• Paper scissors</li> <li>• Pin cushion</li> <li>• Press magic</li> <li>• Safety pins</li> <li>• Seam ripper</li> <li>• Seam ripper</li> <li>• Seam turners</li> <li>• Set square</li> <li>• Sharpeners</li> <li>• Shelves</li> <li>• Sleeve board</li> <li>• Tape measure</li> <li>• Thimble</li> <li>• Thread trimmer</li> <li>• Tracing wheel</li> <li>• T-Square</li> <li>• Weights</li> <li>• Working surface</li> </ul>
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<p>2. Bag design materials, materials and supplies may include but not limited to:</p>	<ul style="list-style-type: none"> <li>● Assorted belts, bows and shoes</li> <li>● Assorted buttons</li> <li>● Assorted embroidery threads</li> <li>● Assorted fabrics</li> <li>● Assorted inter lining</li> <li>● Assorted interfacings</li> <li>● Assorted under linings</li> <li>● Assorted foam/waddings</li> <li>● Assorted lace</li> <li>● Assorted ribbons</li> <li>● Assorted sewing threads</li> <li>● Assorted stiffeners</li> <li>● Assorted underlining</li> <li>● Bag stand</li> <li>● Beads</li> <li>● Brown papers</li> <li>● Bulbs</li> <li>● Charcoal</li> <li>● Cobblers hummer</li> <li>● Colored pencils</li> <li>● Crayons</li> <li>● Dress makers pins</li> <li>● Dressmakers tracing paper</li> <li>● Elastic</li> <li>● Erasers</li> <li>● Fabric glue</li> <li>● Fibre pens</li> </ul>	<ul style="list-style-type: none"> <li>● Hard pencils <ul style="list-style-type: none"> <li>○ H</li> <li>○ 2B</li> <li>○ 2H</li> <li>○ 4B</li> <li>○ 4H</li> <li>○ 6H</li> <li>○ HB</li> </ul> </li> <li>● Hooks and eyes</li> <li>● Pastels</li> <li>● Pencils</li> <li>● Piping cord</li> <li>● Plain papers</li> <li>● Press buttons</li> <li>● Press studs</li> <li>● Salt</li> <li>● Sand</li> <li>● Sequins</li> <li>● Sketching pads</li> <li>● Sponge</li> <li>● Stiffeners</li> <li>● Tailors chalk</li> <li>● Velcro</li> <li>● Water</li> <li>● Water colors</li> <li>● Zips</li> </ul>
<p>3. Production tasks may include but not limited to:</p>	<ul style="list-style-type: none"> <li>● Designing</li> <li>● Sketching</li> <li>● Illustrating</li> <li>● Drafting</li> <li>● Laying</li> <li>● Cutting</li> </ul>	<ul style="list-style-type: none"> <li>● Stitching</li> <li>● Finishing</li> <li>● Ironing/pressing</li> <li>● Accessorizing</li> <li>● Packaging</li> <li>● Displaying</li> </ul>
<p>4. Legal requirements may include but not limited to:</p>	<ul style="list-style-type: none"> <li>● Occupational safety and health Act</li> <li>● EMCA 2015</li> <li>● NEMA regulations</li> <li>● County by-laws</li> </ul>	<ul style="list-style-type: none"> <li>● KRA act</li> <li>● Labour laws</li> <li>● Employment act</li> <li>● WIBA</li> </ul>

5. PPEs may include but not limited to:	<ul style="list-style-type: none"> <li>• Apron</li> <li>• Dust coat</li> <li>• Face mask</li> </ul>	<ul style="list-style-type: none"> <li>• Thimble</li> <li>• Gloves</li> <li>• Low heeled closed shoes</li> </ul>
6. Pattern construction tools and equipment may include but not limited to:	<ul style="list-style-type: none"> <li>• T squares</li> <li>• Tracing wheel</li> <li>• Paper scissors</li> <li>• French curves</li> <li>• Set squares</li> <li>• A metre ruler</li> <li>• Measuring scale</li> <li>• 30 cm ruler</li> </ul>	<ul style="list-style-type: none"> <li>• Tape measure</li> <li>• Hip curves</li> <li>• Dressmakers pins</li> <li>• Working surface</li> </ul>
7. Bag pattern pieces may include but not limited to:	<ul style="list-style-type: none"> <li>• Facings</li> <li>• Yoke</li> <li>• Panels</li> <li>• Tabs</li> <li>• Gusset</li> <li>• Straps</li> </ul>	<ul style="list-style-type: none"> <li>• Pocket bags</li> <li>• Insets</li> <li>• Frills</li> <li>• Base</li> <li>• Pockets</li> <li>• Flaps</li> </ul>
8. Pattern markings may include but not limited to:	<ul style="list-style-type: none"> <li>• Folds</li> <li>• Notches/balance marks</li> <li>• Straight grains</li> <li>• Pattern size</li> <li>• Style number</li> <li>• Number of pieces to be cut</li> </ul>	<ul style="list-style-type: none"> <li>• Center back and center front</li> <li>• Name of pattern</li> <li>• Seam allowances</li> <li>• Construction lines</li> <li>• Scale</li> </ul>
9. Bag finishing methods may include but not limited to:	<ul style="list-style-type: none"> <li>• Hemming</li> <li>• Ironing</li> <li>• Shell edging</li> <li>• Overlocking</li> <li>• Eyeleting</li> <li>• Press studding</li> </ul>	<ul style="list-style-type: none"> <li>• Edge stitching</li> <li>• Button holing</li> <li>• Button fixing</li> <li>• Trimming</li> </ul>
10. Method of bag accessorizing may include but not limited to:	<ul style="list-style-type: none"> <li>• Beadwork</li> <li>• Patchwork</li> <li>• Embroidery</li> <li>• Iron-on accessories (motifs)</li> <li>• Knotting</li> </ul>	<ul style="list-style-type: none"> <li>• Tying</li> <li>• Stitching</li> <li>• Pining</li> <li>• Braiding</li> <li>• Wrapping</li> <li>• Twisting/coiling</li> </ul>

11. Bag display areas may include but not limited to:	<ul style="list-style-type: none"> <li>• Window</li> <li>• Shelves</li> <li>• Display boards</li> </ul>	<ul style="list-style-type: none"> <li>• Virtual display</li> <li>• Mirror</li> </ul>
12. Selected bags may include but not limited to:	<ul style="list-style-type: none"> <li>• Formal</li> <li>• Informal</li> <li>• Creative</li> </ul>	•

## REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit of competency.

### Generic skills:

- Communication
- People skills
- Time management
- Record keeping
- Telephones handling
- Conflict resolution
- Negotiation
- Analytical
- Problem solving
- Critical thinking
- Summarizing
- Listening
- Observation
- Organizing
- Technology

### Technical skills:

- Designing
- Sketching
- Illustrating
- Drafting
- Laying
- Cutting
- Constructing
- Finishing

- Accessorising
- Displaying
- Photography

### **Required Knowledge**

The individual needs to demonstrate knowledge of:

- History of bag design
- Principles of management
- Fibres and fabrics
- Principles of bag design and construction
- Practices in bag design and construction
- Principles of pattern construction
- Finishing and accessorising bags
- Bags marketing
- Creativity and innovation in bags design
- Sewing machine operation
- Bag design tools and equipment
- Bag design materials and supplies
- Ethical issues in bag design
- Occupational safety and health
- Waste management

### **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	<p><b>Assessment requires evidence that the candidate:</b></p> <p>1 .1Identified and obtained production tools and equipment</p> <p>1 .2Checked for serviceability and sufficiency of production tools and equipment.</p> <p>1 .3Identified, obtained and allocated production materials and supplies</p> <p>1 .4Identified production tasks</p> <p>1 .5Observed occupational safety and health requirements</p> <p>1 .6Developed production standard operating procedures</p> <p>1 .7Identified and used PPEs</p> <p>1 .8Consulted client and recorded specification</p>
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	<p>1.9 Designed, sketched and illustrated the bag design</p> <p>1.10 Identified, developed, laid and cut the bag pattern pieces</p> <p>1.11 Transferred bag pattern markings</p> <p>1.12 Constructed the bag pieces</p> <p>1.13 Finished the bag</p> <p>1.14 Packaged and displayed the bag</p> <p>1.15 Developed bag portfolio</p>
2. Resource implications	<p>The following resources should be provided:</p> <p>2.1 Appropriately simulated environment where assessment can take place.</p> <p>2.2 Access to relevant assessment environment.</p> <p>2.3 Resources relevant to the proposed assessment activity or tasks.</p>
3. Methods of assessment	<p>Competency may be assessed through:</p> <ul style="list-style-type: none"> <li>• Written test</li> <li>• Observation</li> <li>• Oral questioning</li> <li>• Interviewing</li> <li>• Projects</li> <li>• Portfolio</li> <li>• Third party report</li> </ul>
4. Context of assessment	<p>Assessment may be done:</p> <ul style="list-style-type: none"> <li>• On-the-job</li> <li>• Off-the-job</li> <li>• During industrial attachment</li> </ul>
5. Guidance information for assessment	<p>Holistic assessment with related units of competency in the sector is recommended.</p>