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| Title | **Prepare for dress making operations** | | |
| Level | **1** | **Credits** | **12** |

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| Purpose | This Competency Standard identifies the competencies required to take measurements for dresses for Dress Making in accordance with the organization’s approved guidelines and procedures. You will be able to Collect materials for dress making, perform shrinkage and colour bleeding, Perform ironing of cloth, Prepare work area for dress making, Clean the sewing machine, Test sewing machine operations and Setup machine according to design. Your underpinning knowledge regarding measurement for dress making will be sufficient to provide you the basis for your work. |

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| Classification ISCED | 0212 Fashion, interior and industrial design |

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| Available grade | Competent / Not yet competent |

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| Modification history | N/A |

| **Unit of Competency** | **Performance Criteria** | **Knowledge** | **Tools & Equipment** |
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| **B1.**  **Collect materials for Dress making** | *Trainee must be able to:*   1. Procure fabrics and accessories at best available prices. 2. Ensure the quality of the materials. 3. Evaluate quantity of required material, fabric and accessories | *Trainee must know and understand:*   1. Types of materials 2. Types of embellishments 3. Specification of materials 4. Garment/ Cottage industry regulation regarding 5. procurement process. | **Non Consumables:**   * Fabric * Embellishment   **Consumables:**  Measuring Tape |
| **B2.**  **Perform shrinkage and color bleeding** | *Trainee must be able to:*   1. Explain shrinkage procedure and techniques for types of fabrics 2. Calculate the fabric length and width before shrinkage 3. Perform shrinkage of different fabrics. 4. Measure the colour bleeding tendency of the fabric with respect to time 5. Calculate the fabric length and width after shrinkage 6. Apply drying techniques after shrinkage. | *Trainee must know and understand:*  K1. Procedure of shrinkage:  Types of fabrics and time duration of shrinkage.  K2. Types of fabrics and water temperature for shrinkage and color bleeding.  K3. Impact of shrinkage on different types of fabrics.  K4. The procedure/ treatment for the fermentation of color, if required.  K5. Drying techniques for types of fabrics. | **Non Consumables:**   * Measuring tools * Utensils   **Consumables:**   * Fabric * Water   Salt |
| **B3. Perform ironing of cloth.** | *Trainee must be able to:*  P1.Determine the accurate thermostat for ironing to the different fabric qualities.  P2. Determine grain in order to iron the fabric.  P3. Differentiate fabric for ironing and steam ironing on the fabric.  P4. Perform ironing to the fabric. | *Trainee must know and understand:*  K1. Quality and variety of fabrics in relation to thermostat for ironing.  K2. Calibration Techniques on specific fabrics.  K3. Importance of grain before applying ironing to the fabric.  K4. Fabric quality for ironing. | **Non Consumables:**   * Ironing Table * Iron   **Consumables:**   * Fabric |
| **B4.** Prepare work area for dress making | *Trainee must be able to:*   1. Identify suitable work area. 2. Make sure the work area is free from hazards 3. Use correct tools and equipment 4. Arrange the required furniture for the various tasks. 5. Prepare various work stations in work space for different tasks such as drafting, cutting and ironing. 6. Ensure storage space in work area. | *Trainee must know and understand:*   1. Suitable work area: space, light workstations , accessibility 2. Set of tools and equipment for working area/space 3. Importance of storage space for work area. 4. Importance of building task specific work stations/ space 5. Importance of proper allocation of work space for each task. 6. Setting adequate light for dress making 7. Backup plan for potential risks and hazards. | **Non Consumables:**   * Tables * Sewing machine * Iron   **Consumables:**   * Lights * Partitions |
| **B5. Clean the sewing machine** | *Trainee must be able to:*   1. Use cleaning tools and appropriate methods for the cleaning the sewing machine 2. Clean external parts of machines for smooth running during job according to set procedure 3. Store cleaning tools safely after use 4. Identify various parts and requirements for setting the machine. 5. Ensure electric supply and lighting for your machine. | *Trainee must know and understand:*   1. Parts of machine 2. Functions of different parts of stitching machine. 3. Safety measures that need to be applied during cleaning machine/ equipment 4. Different types of cleaning tools. 5. Effects of contamination on products i.e. machine oil, dirt etc. | **Non- Consumables:**   * Brush * Tweezers * Sewing machine   **Consumables:**   * Cleaning fabric * Machine oil |
| **B6.**  **Test sewing machine operations.** | *Trainee must be able to:*   1. Set up machine according to production requirements 2. Set machine controls for the materials being stitched 3. Select the parts (needle, needle plate and feed dog) of stitching machine as per design requirements 4. Thread the needle in the machine and adjust the needle as per the requirements 5. Wear Personal Protective Equipment (PPEs) during machine set up 6. Perform a test run to ensure machine is operating correctly | *Trainee must know and understand:*   1. Different types of designs to elaborate the stitching flow 2. Procedure to set the stitch size 3. Identify different types of needles according to fabric category. 4. Functions of different parts (needle, needle plate, etc of stitching machine. 5. Procedure to fix the needle in needle bar according to gauge 6. Importance of Personal Protective Equipment (PPEs) | **Non Consumables:**   * Machine * Cloth * Bobbin * Bobbin winder * Bobbin Case   **Consumables:**   * Thread |
| **B7.**  **Setup machine according to design.** | *Trainee must be able to:*   1. Adjust stitch size according to design 2. Adjust tension of thread according to stitch. 3. Ensure the material used meets the specification matching. | *Trainee must know and understand:*   1. Procedure to set the stitch size. 2. Procedure of setting the top tension adjustment. | **Non Consumables:**   * Sewing machine |