



# Model Curriculum

QP Name: Sampling Tailor

QP Code: AMH/Q0701

QP Version: 4.0

NSQF Level: 4

Model Curriculum Version: 4.0

Apparel, Made-ups & Home furnishing Sector Skill Council | Flat No. A312 To A323, Third Floor Somdatt Chamber –I Bikhaji Cama Place, Africa Avenue New Delhi-110066,

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## Training Parameters

<b>Sector</b>	<b>Apparels</b>
<b>Sub-Sector</b>	Apparel, Made-Ups & Home Furnishing
<b>Occupation</b>	Tailoring
<b>Country</b>	India
<b>NSQF Level</b>	4
<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2015/7531.0101
<b>Minimum Educational Qualification and Experience</b>	11th Grade pass with 1.5 Experience required 10th Grade pass with 3-year relevant experience Previous relevant Qualification of NSQF Level 3.5 with 1.5-year relevant experience
<b>Pre-Requisite License or Training</b>	Preferably Training on Fabric Inspection
<b>Minimum Job Entry Age</b>	18 Years
<b>Last Reviewed On</b>	18-02-2025
<b>Next Review Date</b>	18-02-2028
<b>NSQC Approval Date</b>	18/02/2025
<b>QP Version</b>	4.0
<b>Model Curriculum Creation Date</b>	08/01/2025
<b>Model Curriculum Valid Up to Date</b>	18-02-2028
<b>Model Curriculum Version</b>	4.0
<b>Minimum Duration of the Course</b>	420
<b>Maximum Duration of the Course</b>	420

## Program Overview

This section summarizes the end objectives of the program along with its duration.

### Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills.

- Introduction to Sampling Tailor
- Interpret the Garment specification sheet/Technical Package (Techpack).
- Select the correct tools and materials required for sampling.
- Carry out fabric cutting operations for creating garment sample.
- Prepare for stitching operations.
- Stitch components to produce garment sample.
- Achieve product quality by contributing in stitching operations.
- Maintain workarea, tools and machines & Greening of Job Roles
- Maintain health, safety and secure work place with Gender and PwD Sensitization
- Soft Skills: Bridge Module

### Compulsory Modules

The table lists the modules, their duration and mode of delivery.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
<b>AMH/N0701.Prepare for Sampling</b> <b>NOS Version- 4.0</b> <b>NSQF Level- 4</b>	15.00	45.00	0.00	0.00	60.00
Module 1: Introduction (Bridge Module)	3.00	0.00	0.00	0.00	3.00
Module Name 2: Prepare for sampling	5.00	22.00	0.00	0.00	27.00
Module Name 3: Perform Sampling process	7.00	23.00	0.00	0.00	30.00
<b>AMH/N0702.Carry out fabric cutting operations for preparing garment sample</b> <b>NOS Version- 4.0</b> <b>NSQF Level- 4</b>	15.00	45.00	0.00	0.00	60.00
Module Name 4: Prepare for fabric cutting operations	7.00	23.00	0.00	0.00	30.00
Module Name 5: Carry out fabric cutting operations for creating garment sample	8.00	22.00	0.00	0.00	30.00
<b>AMH/N0703.Stitch using machine or by hand</b> <b>NOS Version- 4.0</b> <b>NSQF Level- 4</b>	15.00	45.00	30.00	0.00	90.00
Module Name 6: Preparation for Stitching	5.00	15.00	0.00	0.00	20.00
Module Name 7: Stitching operations	5.00	15.00	0.00	0.00	20.00
Module Name 8: Post Stitching operations	5.00	15.00	30.00	0.00	50.00

<b>AMH/N0704. Contribute to achieve sample quality in stitching operations</b> <b>NOS Version- 4.0</b> <b>NSQF Level- 4</b>					
	<b>21.00</b>	<b>69.00</b>	<b>0.00</b>	<b>0.00</b>	<b>90.00</b>
Module Name 9: Contribute to achieve sample quality in stitching operations	7.00	23.00	0.00	0.00	30.00
Module Name 10: Fault detection in stitching operations	7.00	23.00	0.00	0.00	30.00
Module Name 11: Inspection of products in stitching operations	7.00	23.00	0.00	0.00	30.00
<b>AMH/N0310. Manage the workspace, operate tools, and handle machinery efficiently.</b> <b>NOS Version- 1.0</b> <b>NSQF Level- 4</b>					
	<b>15.00</b>	<b>15.00</b>	<b>0.00</b>	<b>0.00</b>	<b>30.00</b>
Module Name 12: Manage the workspace, operate tools, and handle machinery efficiently.	15.00	15.00	0.00	0.00	30.00
<b>AMH/N0309. Ensure the promotion of a safe and secure work environment while integrating Gender and Persons with Disabilities (PWD) Sensitization</b> <b>NOS Version- 1.0</b> <b>NSQF Level- 4</b>					
	<b>15.00</b>	<b>15.00</b>	<b>0.00</b>	<b>0.00</b>	<b>30.00</b>
Module Name 13: Ensure the promotion of a safe and secure work environment while integrating Gender and Persons with Disabilities (PWD) Sensitization	15.00	15.00	0.00	0.00	30.00
<b>DGT/VSQ/N0102: Employability Skills</b> <b>NOS Version- 1.0</b> <b>NSQF Level- 4</b>					
	<b>24.00</b>	<b>36.00</b>	<b>0.00</b>	<b>0.00</b>	<b>60.00</b>
Module Name 14: Employability Skills	24.00	36.00	0.00	0.00	60.00
<b>Total Duration</b>	<b>120.00</b>	<b>270.00</b>	<b>30.00</b>	<b>0.00</b>	<b>420.00</b>

## Module Details

### Module Name 1: Introduction and Orientation to Sampling Tailor

#### Mapped to Bridge Module

#### Terminal Outcomes:

- Describe the outline of the Apparel industry in India
- Recognize various employment opportunities for a 'Sampling Tailor' in the apparel industry.
- Identify apparel production process and the role that the 'Sampling Tailor' plays in the process.

<b>Duration:</b> <03:00>	<b>Duration:</b> <00:00>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>Describe the size and scope of the apparel industry.</li> <li>Describe various employment opportunities for a Sampling Tailor' in the apparel industry.</li> <li>Explain roles and responsibilities of a Sampling Tailor'.</li> <li>Describe the apparel production process and the role that the Sampling Tailor' plays in the process.</li> </ul>	
<b>Classroom Aids:</b>	
<b>Charts, Models, Flip Chart, White-Board/Smart Board, Marker, Duster</b>	
<b>Tools, Equipment and Other Requirements</b>	

training kit (trainer guide, presentations)

## Module Name 2: Prepare for sampling

Mapped to AMH/N0701 (version 4.0)

### Terminal Outcomes:

- Describe the organization's policies, procedures, guidelines and standards for dealing with buyers/clients.
- Describe safe working practices and organisational procedures.
- Describe quality systems and other processes practiced in the organization.
- Describe various types of fabrics/apparels and garments and types of fabrics/apparels that require stitching by hand or machine stitching.
- Describe the characteristics of the garment materials and how they differ with each other.
- Describe various types of trims.
- Describe measurements and unit conversion techniques.

<i>Duration: 05:00</i>	<i>Duration: 22:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• Describe the organization's policies, procedures, guidelines and standards for dealing with buyers/clients.</li> <li>• Describe safe working practices and organisational procedures.</li> <li>• Describe quality systems and other processes practiced in the organization.</li> <li>• Describe various types of fabrics/apparels and garments and types of fabrics/apparels that require stitching by hand or machine stitching.</li> <li>• Describe the characteristics of the garment materials and how they differ with each other.</li> <li>• Describe various types of trims.</li> <li>• Describe measurements and unit conversion techniques.</li> </ul>	<ul style="list-style-type: none"> <li>• Identify organization's tools, templates and processes for quality drafting and pattern making and how to use these.</li> <li>• Interpret the buyer's specifications.</li> <li>• Describe how to interpret the techpack and garment specification sheet.</li> <li>• Interpret the given techpack or specification sheet of the garment sample to be developed.</li> <li>• Mark the coordinate points for darts and seams as per the design in the garment pattern accurately for construction.</li> <li>• Identify various shades, sizes and thickness of threads.</li> <li>• Identify various types of needles and their suitability.</li> <li>• Identify formats followed in the sampling department such as: fabric worksheet, style confirmation sheet, fabric consumption request, study consumption chart, fabric requirement sheet (FRS) trims requirement sheet etc.</li> </ul>

### Classroom Aids:

Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster

### Tools, Equipment, and Other Requirements

training kit (trainer guide, presentations)

#### Unique Equipment Required:

Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern



master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher'S Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.

## Module Name 3: Perform Sampling process

### Mapped to AMH/N0701 (version 4.0)

#### Terminal Outcomes:

- Explain basic procedure of drafting and patternmaking of garments.
- Identify garment components.
- Describe how to create the master pattern for stitching.
- Describe methods to present any ideas for improvement in production to line manager.
- State the importance of complying with written instructions.
- Describe reporting procedure in case of faults in own/ other processes.

<i>Duration: 07:00</i>	<i>Duration: 23:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• Explain basic procedure of drafting and patternmaking of garments.</li> <li>• Identify garment components.</li> <li>• Describe how to create the master pattern for stitching.</li> <li>• Describe methods to present any ideas for improvement in production to line manager.</li> <li>• State the importance of complying with written instructions.</li> <li>• Describe reporting procedure in case of faults in own/ other processes.</li> </ul>	<ul style="list-style-type: none"> <li>• Identify authorized personnel to escalate problems to when they are outside the limit of responsibility of the job role.</li> <li>• Perform operations at a rate which maintains workflow. Conform to company quality standards.</li> <li>• Follow instructions as specified by the buyer and create the master pattern for the garment sample to be developed.</li> <li>• Check with in charge /others when unsure of new product details.</li> <li>• Collect the tools and materials required for sampling.</li> <li>• Ensure that the garment pattern is as per the given style and measurement.</li> <li>• Identify alterations in the pattern to meet customer requirements.</li> <li>• Identify if the garment pattern does not meet product specification and take corrective action.</li> </ul>

	<ul style="list-style-type: none"> <li>Identify various formats followed in the sampling department such as fabric worksheet, style confirmation sheet, fabric consumption request, study consumption chart and fabric requirement sheet (FRS), trims requirement sheet.</li> <li>Identify stages of sampling and pre-sampling procedures.</li> <li>Describe tools and material requirements for sampling as per given specifications.</li> <li>Check the sampling material list with the given specifications in the techpack.</li> <li>Ensure that the work area is left safe and secure on completion of the work.</li> <li>List types of problems with quality and how to report them to appropriate people.</li> </ul>
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#### Classroom Aids:

Charts, Models, Video presentation, Flip Chart, White-Board/SmartBoard, Marker, Duster

#### Tools, Equipment, and Other Requirements

training kit (trainer guide, presentations)

#### Unique Equipment Required:

Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary), Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher'S Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.

## Module Name 4: Prepare for fabric cutting operations

*Mapped to AMH/N0702(version 4.0)*

#### Terminal Outcomes:

- Identify various responsibilities and line of reporting within the work area.
- State common apparel/garment industry terminology.



- Identify various garment components with their technical names as per style.
- Explain the effect of nature of fabric (grain line shade, twill etc.) thickness of fabric, design characteristics of finished garment, cutting manually or using a machine.
- Identify common hazards in the work area and procedures for dealing with them.

<i>Duration: 07:00</i>	<i>Duration: 23:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• Describe the protocol to obtain more information on work related tasks.</li> <li>• Describe organizational policies and procedures.</li> <li>• Describe quality standards and the reporting procedures of the organisation.</li> <li>• Describe method of interpreting product specifications.</li> <li>• Describe methods of calculating the number of components required.</li> <li>• Describe main characteristics of the materials used in a garment.</li> <li>• Describe method of identification of various materials used.</li> </ul>	<ul style="list-style-type: none"> <li>• Identify various responsibilities and line of reporting within the work area.</li> <li>• State common apparel/garment industry terminology.</li> <li>• Identify various garment components with their technical names as per style.</li> <li>• Explain the effect of nature of fabric (grain line shade, twill etc.) thickness of fabric, design characteristics of finished garment, cutting manually or using a machine.</li> <li>• Identify common hazards in the work area and procedures for dealing with them.</li> <li>• Identify documentation required as part of the process.</li> <li>• Conform to legal requirements, organizational policies and procedures as per the requirements of the job role.</li> </ul>

#### Classroom Aids:

Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster

#### Tools, Equipment, and Other Requirements

Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher'S Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.

## Module Name 5: Carry out fabric cutting operations for creating garment sample

Mapped to AMH/N0702 (Version 4.0)

### Terminal Outcomes:

- Describe how to perform cutting operations and subsequent operations on materials.
- Describe implications of using defective tools and machines on the materials.
- Identify various cutting tools and equipment required.
- Describe operating procedures.
- Describe quality standards for cutting garment sample components.

<i>Duration: 08:00</i>	<i>Duration: 22:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• Describe how to perform cutting operations and subsequent operations on materials.</li> <li>• Describe implications of using defective tools and machines on the materials.</li> <li>• Identify various cutting tools and equipment required.</li> <li>• Describe operating procedures.</li> <li>• Describe quality standards for cutting garment sample components.</li> </ul>	<ul style="list-style-type: none"> <li>• Explain fabric cutting technique used in the organisation to cut neatly and with precision.</li> <li>• Explain the principles of taking measurements, cutting out, trimming, marking up and fitting.</li> <li>• Identify estimates of material required for a particular garment.</li> <li>• Calculate the fabric requirement for one garment sample.</li> <li>• Confirm new product details from the sampling department in case of doubt/queries.</li> <li>• Check the material/fabric with the given garment specification in techpack.</li> <li>• Check the quality and characteristics of the material, match the required standards before starting to cut.</li> <li>• Ensure that there are no defects on the material.</li> <li>• Identify any defects and damage on the final product due to mishandling.</li> <li>• Rectify defects and damage due to mishandling.</li> <li>• Select the appropriate tools and materials for cutting.</li> <li>• Cut the various garment components with precision.</li> <li>• Ensure minimal wastage of fabric/material while cutting.</li> <li>• State organisational procedures with regard to material re-usage and disposal.</li> <li>• Dispose off waste materials safely and return re-useable materials to designated place.</li> <li>• Place the cut components for stitching after counting the pieces.</li> <li>• Ensure that the cut components are carefully placed to minimise the risk of damage.</li> </ul>
<b>Classroom Aids:</b>	
Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster	
<b>Tools, Equipment, and Other Requirements</b>	

Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher'S Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.

## Module Name 6: Preparation for Stitching

*Mapped to AMH/N0703 (version 4.0)*

### Terminal Outcomes:

- Describe the importance of team work and harmonious working relationships.
- Describe process for offering/obtaining work related assistance.
- Describe the purpose of and how to use a specification chart.

<i>Duration: 05:00</i>	<i>Duration: 15:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• Describe the importance of team work and harmonious working relationships.</li> <li>• Describe process for offering/obtaining work related assistance.</li> <li>• Describe the purpose of and how to use a specification chart.</li> </ul>	<ul style="list-style-type: none"> <li>• Identify work targets with the supervisor and check for special instructions, if any.</li> <li>• Identify potential hazards associated with the machines and the safety precautions that must be followed.</li> <li>• Identify own responsibilities under health safety and environmental legislation.</li> <li>• Ensure that the work area is free from hazards.</li> <li>• Follow the instructions and specifications given in the techpack to stitch the sample.</li> <li>• Clarify information on tasks from the concerned authority when the instructions are unclear.</li> <li>• Use the correct tools and equipment.</li> <li>• Check that the equipment is safe and set up in readiness for use.</li> <li>• Select the correct component parts for the garment style being done.</li> <li>• Check that the materials to be used are free</li> </ul>

	from faults.
<b>Classroom Aids:</b>	
Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster	
<b>Tools, Equipment, and Other Requirements</b>	
<p>Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher'S Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.</p>	

## Module Name 7: Stitching operations

Mapped to AMH/N0703 (version 4.0)

### Terminal Outcomes:

- Describe different apparels and their parts.
- Describe the various components of equipment needed to stitch an item and their capabilities.
- Describe the characteristics of the materials and how they differ.
- Identify various attachments used on the sewing machine.
- Describe how to adjust the top tension.

<i>Duration: 05:00</i>	<i>Duration: 15:00</i>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Describe different apparels and their parts.</li> <li>• Describe the various components of equipment needed to stitch an item and their capabilities.</li> <li>• Describe the characteristics of the materials and how they differ.</li> <li>• Identify various attachments used on the sewing machine.</li> <li>• Describe how to adjust the top tension.</li> </ul>	<ul style="list-style-type: none"> <li>• Identify various sources of updates on apparels and other related areas.</li> <li>• List common factors which affect stitching.</li> <li>• Identify various range of techniques most suited to stitch various types of apparel.</li> <li>• Identify common hazards in the work area and work place procedures for dealing with them.</li> <li>• Conform to company quality standards.</li> <li>• Ensure that the materials used meet the</li> </ul>

	<p>specifications within a product or between a pair of products as required.</p> <ul style="list-style-type: none"> <li>• Carry out test sews.</li> <li>• Check needles and threads regularly.</li> <li>• Check if fabric /Component is correctly marked and pieces cut as required.</li> <li>• Ensure that the fabric pieces and linings are pinned or sewn together as per requirement, and appropriately hung in readiness for assembly.</li> <li>• Identify the procedure to follow when a needle breaks.</li> <li>• Identify various parts of needles.</li> <li>• Optimize the positioning and layout of materials to ensure a smooth and rapid throughput.</li> <li>• Check the equipment prior to stitching, including correct controls, correct attachments, correct needle and thread.</li> <li>• Operate machines safely and in accordance with guidelines.</li> <li>• Sew and apply trims by hand and machine.</li> <li>• Ensure stitched products meets specification in terms of labels and trimmings.</li> <li>• Stitch the correct materials in the right sequence as required by the product specification.</li> </ul>
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#### Classroom Aids:

Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster

#### Tools, Equipment, and Other Requirements

Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher'S Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.

## Module Name 8: Post Stitching operations

Mapped to AMH/N0703 (version 4.0)

### Terminal Outcomes:

- Describe the actions to take in the event if a machine ceases to function correctly.
- Describe how to assemble different garment parts to make the final product.
- Identify the problems encountered when stitching different types of apparels.
- Explain various types of defects.
- Explain the various parts of a sewing machine and their application.
- Describe maintenance, adjustment and replacement of worn parts on the machines required for different types of attachment.
- State guidelines for storage and disposal of waste materials.

<i>Duration: 05:00</i>	<i>Duration: 15:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• Describe the actions to take in the event if a machine ceases to function correctly.</li> <li>• Describe how to assemble different garment parts to make the final product.</li> <li>• Identify the problems encountered when stitching different types of apparels.</li> <li>• Explain various types of defects.</li> <li>• Explain the various parts of a sewing machine and their application.</li> <li>• Describe maintenance, adjustment and replacement of worn parts on the machines required for different types of attachment.</li> <li>• State guidelines for storage and disposal of waste materials.</li> <li>• Ensure production of minimum wastage while working.</li> </ul>	<ul style="list-style-type: none"> <li>• Ensure that the stitched product conforms to shape and size requirement.</li> <li>• Inspect stitched products against specifications.</li> <li>• Perform complex stitching operations with precision and accuracy.</li> <li>• Carry out alterations to meet customer requirements.</li> <li>• Identify contact person in case of queries on procedure or products and for resolving issues related to defective machines, tools and/or equipment.</li> <li>• State protocol and format for reporting work related risks/ problems.</li> <li>• Identify method of obtaining/giving feedback related to performance.</li> <li>• Report faults in the materials, when identified.</li> <li>• Report any damaged work to the concerned authority.</li> <li>• Follow company reporting procedures about defective tools and machines which affect work. and report risks/problems likely to affect services to the relevant person promptly and accurately.</li> <li>• Explain various parts of a garment such as pockets, fronts, backs, collars, cuffs, sleeves, etc.</li> </ul>

### Classroom Aids:

Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster

### Tools, Equipment, and Other Requirements

Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging,



variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory, other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher's Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer, seam ripper, tracing wheel), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card, fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.

## Module Name 9: Contribute to achieve sample quality in stitching operations

*Mapped to AMH/N0704 (version 4.0)*

### Terminal Outcomes:

- State the organisation's procedures and guidelines.
- Describe quality systems and sewing processes practiced in the organization.
- State equipment operating procedures/manufacturer's instructions.
- State reporting procedure in case of faults in own/other processes.
- State the importance of documentation.

<i>Duration: 07:00</i>	<i>Duration: 23:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• State the organisation's procedures and guidelines.</li> <li>• Describe quality systems and sewing processes practiced in the organization.</li> <li>• State equipment operating procedures/manufacturer's instructions.</li> <li>• State reporting procedure in case of faults in own/other processes.</li> <li>• State the importance of documentation.</li> </ul>	<ul style="list-style-type: none"> <li>• Identify and use materials required based on the specifications given in the techpack.</li> <li>• State own responsibilities at work during production.</li> <li>• Identify limits of personal responsibility.</li> <li>• Ensure that the testing, sorting and track feeding of the products are done as per organisational standards.</li> <li>• Carry out quality checks at specified intervals according to instructions.</li> <li>• Ensure that the final product conforms to the allowed tolerance limits.</li> <li>• Complete relevant documentation as per organisational standards.</li> <li>• Maintain the documentation according to organisational norms.</li> </ul>

### Classroom Aids:

Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster

### Tools, Equipment, and Other Requirements

Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard, 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and

variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher'S Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.

## Module Name 10: Fault detection in stitching operations

*Mapped to AMH/N0704 (version 4.0)*

### Terminal Outcomes:

- Describe different techniques and methods used to detect faults.
- Describe types of faults which may occur, how they are identified and methods to rectify them.
- Identify acceptable solutions for particular faults.
- Describe the types of adjustments suitable for specific types of faults.

<i>Duration: 07:00</i>	<i>Duration: 23:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• Describe different techniques and methods used to detect faults.</li> <li>• Describe types of faults which may occur, how they are identified and methods to rectify them.</li> <li>• Describe the types of adjustments suitable for specific types of faults.</li> </ul>	<ul style="list-style-type: none"> <li>• Identify modifiable defects and rework on them.</li> <li>• Fault-find materials and components for creased, stained, damage and incorrectly made-up component parts.</li> <li>• Report faults in other processes to the appropriate person.</li> <li>• Maintain the required productivity and quality levels.</li> <li>• Ensure that the product is as per specifications by applying adjustments promptly.</li> <li>• Identify acceptable solutions for particular faults.</li> <li>• Identify faults and take appropriate action for rectification.</li> <li>• Follow organisational norms in case the materials and products do not conform to</li> </ul>

	<p>quality standards.</p> <ul style="list-style-type: none"> <li>Report and replace identified faulty materials and component parts which do not meet the specifications.</li> </ul>
<b>Classroom Aids:</b>	
Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster	
<b>Tools, Equipment, and Other Requirements</b>	
<p>Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher'S Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.</p>	

## Module Name 11: Inspection of products in stitching operations

Mapped to AMH/N0704 (version 4.0)

### Terminal Outcomes:

- Explain types of inspection methods that can be used.
- Describe the importance of marking and segregating rejects.

<i>Duration: 07:00</i>	<i>Duration: 23:00</i>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>Explain types of inspection methods that can be used.</li> <li>Describe the importance of marking and segregating rejects.</li> </ul>	<ul style="list-style-type: none"> <li>Identify the reject mark.</li> <li>Place rejected products in the designated location.</li> <li>Identify the consequences of not rectifying problems.</li> <li>Carry out work safely and at a rate which maintains work flow.</li> <li>Report to the relevant authority when the work flow of other production areas disrupts work.</li> </ul>

	<ul style="list-style-type: none"> <li>Identify the consequences of stitching components out of sequence and how to prevent them from occurring.</li> <li>Identify the types of seams/hems/finish used and the purposes they serve.</li> <li>Identify the effect of seams/hems not sewn to specifications.</li> <li>Identify reasons for keeping stitched items out of contamination.</li> </ul>
<b>Classroom Aids:</b>	
Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster	
<b>Tools, Equipment, and Other Requirements</b>	
<p>Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qty may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory , other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table, Teacher'S Chair, Dustbin, Small Baskets For Storing and Keeping Trims, First Aid Box, Machine Oil, Sewing Kit Includes thread clipper/ thumb trimmer ,seam ripper , tracing wheel ), Small screws with screw drivers (Quantity may vary), Fire Extinguisher, Stationary Set, Documents set(Tech Pack Sheets, size chart, trim card ,fabric work sheet, style confirmation sheet, fabric consumption chart, fabric requirement sheet, trims requirement sheet, buyers comment sheet, record maintenance sheet etc.) (industrial), Seam Samples / Different Fabrics swatch file (one sample each type), Participant Manual/Notes, Student's Chair With Table Arm, White/Black Board Marker/Chalk and Duster, Dexterity Test Kit, Fusing, (woven/nonwoven, quantity and variety may vary), Cutting Table, Fabric Cutting Scissors.</p>	

## Module Name 12: Manage the workspace, operate tools, and handle machinery efficiently.

*Mapped to AMH/N0310 (version 1.0)*

### Terminal Outcomes:

- Describe safe working practices for cleaning and maintenance of equipment.
- Describe effects of contamination on products i.e. Machine oil, dirt etc.
- Identify different types of cleaning equipment and substances and their use.
- Describe various machines used for layering and spreading processes
- Handle materials and tools safely and correctly.
- Use cleaning equipment and methods appropriate for the work to be carried out.
- Identify common faults with equipment and the method to rectify.
- Use correct lifting and handling procedures.

<i>Duration: 15:00</i>	<i>Duration: 15:00</i>
<b>Theory – Key Learning Outcomes</b>	<b>Practical – Key Learning Outcomes</b>
<ul style="list-style-type: none"> <li>Describe safe working practices for cleaning and maintenance of equipment.</li> <li>Describe effects of contamination on products i.e. Machine oil, dirt etc.</li> <li>Identify different types of cleaning equipment and substances and their use.</li> <li>Describe various machines used for layering and spreading processes</li> <li>Describe various markers and tools that are required for marking.</li> <li>Describe different types of cutting machines like scissors, straight knife, band knife, laser cutting machine, etc.</li> <li>List procedures to conduct maintenance of tools and equipment.</li> <li>Explain the importance of effective communication with colleagues and supervisors.</li> <li>Describe the lines of communication, authority and reporting procedures.</li> <li>Describe the company's quality standards.</li> <li>Describe the types of records kept and the methods to complete the records.</li> <li>Describe the importance of keeping accurate quality records.</li> <li>Describe the importance of complying with written instructions.</li> <li>Report quality issues to appropriate people.</li> <li>State the importance of keeping accurate records concerning quality.</li> <li>State safe working practices and organizational procedures.</li> <li>Describe limits of self-responsibility.</li> <li>Describe ways of resolving problems within the work area.</li> </ul>	<ul style="list-style-type: none"> <li>Handle materials and tools safely and correctly.</li> <li>Use cleaning equipment and methods appropriate for the work to be carried out.</li> <li>Identify common faults with equipment and the method to rectify.</li> <li>Use correct lifting and handling procedures.</li> <li>Carry out regular running maintenance of tools and equipment within agreed schedules and limits of responsibility.</li> <li>Carry out safe working practices for cleaning and maintenance of equipment.</li> <li>Maintain a comfortable position with correct posture while working.</li> <li>Identify different ways of minimizing wastage.</li> <li>Dispose off waste safely in the designated location.</li> <li>Carry out cleaning according to schedules and limits of responsibility.</li> <li>Store cleaning equipment safely at the designated place after use.</li> </ul>
<b>Classroom Aids:</b>	
Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster	
<b>Tools, Equipment, and Other Requirements</b>	
Tools and equipment, maintenance and cleaning equipment	
<b>Unique Equipment Required:</b>	
<p>Industrial Single Needle Lock Stitch Sewing Machine With Needle Guard , 5 thread Over Lock Machine with stool, Pressing Table, Iron/Press, Computer, Computer Peripherals, Printer, Projector /LCD, Design Patterns template (Quantity and variety may vary), Scissors(paper cutting), Tracing Wheel, Tailor's Chalk (Boxes, Quantity may vary), Pins and Safety Pins (Qt)y may vary, Dress Maker's Pin, Pin Cushion (One set), Scale, variety(eg: L scale, straight scale, French curve, hip curve, pattern master ,can be used depending on type of garments etc), Bobbin (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Bobbin Case (Good Quality and industrial sewing machine bobbin, Quantity may vary as per requirement), Personal Protective Equipment (One each type (Nose mask and Goggles)), Dress Form(size medium, male or female), Hanger, Cleaning Cloth, Sewing Threads (Surplus thread is used .The quantity , thread packaging, variety may vary as per requirement), Hand Needle (Various gauges, the quantity may vary depending on type of fabric, usage, breakage), Machine Needle, various gauges (Various Gauges, the quantity may vary depending on type of fabric, usage, breakage. The quantity and sizes may vary), Needle Threader, Garment (various styles, quantity may vary as per</p>	

requirement), Made-ups Sample (various styles, quantity may vary as per requirement), Home Furnishing Sample (various styles, quantity may vary as per requirement), Fabric Yardages, surplus fabric, good quality muslin mandatory, other optional, quantity may vary), Required Trims/accessory (as per requirement), Machine Folders with Attachments (the quantity and variety may vary), Students Stools For Sewing, Teacher Table,

## Module Name 13: Ensure the promotion of a safe and secure work environment while integrating Gender and Persons with Disabilities (PwD) Sensitization

*Mapped to AMH/N0309 (version 1.0)*

### Terminal Outcomes:

- Carry out work functions in accordance with legislation and regulations, organizational guidelines and procedures.
- Provide support to the supervisor and team members in enforcing the organisational considerations.
- Identify procedures to follow if legal, regulatory and ethical requirements of the organisation are not met.
- Interpret correctly legal, regulatory and ethical requirements specific to the apparel industry.
- Follow the organizational policies and procedures within limits of self-authority.

<i>Duration: 15:00</i>	<i>Duration: 15:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> <li>• State the importance of having an ethical and value-based approach to governance.</li> <li>• State benefits to self and the organisation due to practice of values and ethics.</li> <li>• State the importance of punctuality and attendance.</li> <li>• State customer specific requirements mandated as a part of the work process.</li> <li>• State country/customer specific regulations for the apparel sector and their importance.</li> <li>• State reporting procedure of the organisation in case of deviations.</li> <li>• State limits of personal responsibility.</li> <li>• Report any possible deviation to regulatory requirements.</li> <li>• Clarify doubts on policies and procedures, from the supervisor or other authorized personnel.</li> <li>• Follow the organisational policies and procedures within limits of self-authority.</li> <li>• Carry out running maintenance and/or cleaning within one's responsibility and agreed schedules and Deal with work interruptions effectively.</li> <li>• Report unsafe equipment and other dangerous occurrences to concerned personnel</li> <li>• Use cleaning equipment and methods appropriate for the work to be carried out</li> <li>• Request for upgrading of system or software when required for effective working and maintain a backup file when working on various design software</li> </ul>	<ul style="list-style-type: none"> <li>• Provide support to the supervisor and team members in enforcing the organisational considerations.</li> <li>• Identify procedures to follow if legal, regulatory and ethical requirements of the organisation are not met.</li> <li>• Interpret correctly legal, regulatory and ethical requirements specific to the apparel industry.</li> <li>• Carry out work functions in accordance with organizational standards, greening solutions, procedures, policies, legislation and regulations.</li> <li>• Apply and follow these policies and procedures within your work practices and inculcate sustainable consumption practices</li> <li>• Actively get involved in improving the performance of the organization in line with their own role and responsibilities and support adaptation to more environmentally friendly processes.</li> <li>• Handle materials, equipment, computer and software safely and correctly to maintain a clean and</li> </ul>



<ul style="list-style-type: none"> <li>All soft copies of design work to be maintained in files as well for future reference</li> </ul>	hazard free working area and support adaptation to more environmentally friendly processes
<b>Classroom Aids:</b>	
Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster	
<b>Tools, Equipment, and Other Requirements</b>	
Basic Stationery	

## Module Name 14: Employability Skills

*Mapped to DGT/VSQ/N0102: NOS Version- 1.0*

### Terminal Outcomes:

- Introduction to Employability Skills
- Constitutional values - Citizenship
- Becoming a Professional in the 21st Century
- Basic English Skills
- Career Development & Goal Setting
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

*Duration: 60:00(Theory 24 Hrs + Practical 36 Hrs)*

### Key Learning Outcomes

Introduction to Employability Skills Duration: 1.5 Hours

After completing this programme, participants will be able to:

1. Discuss the Employability Skills required for jobs in various industries
2. List different learning and employability related GOI and private portals and their usage

Constitutional values - Citizenship Duration: 1.5 Hours

3. Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required to become a responsible citizen

4. Show how to practice different environmentally sustainable practices.

Becoming a Professional in the 21st Century Duration: 2.5 Hours

5. Discuss importance of relevant 21st century skills.

6. Exhibit 21st century skills like Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life.

7. Describe the benefits of continuous learning.

Basic English Skills Duration: 10 Hours

8. Show how to use basic English sentences for everyday conversation in different contexts, in person and over the telephone

9. Read and interpret text written in basic English

10. Write a short note/paragraph / letter/e -mail using basic English

Career Development & Goal Setting Duration: 2 Hours

11. Create a career development plan with well-defined short- and long-term goals

Communication Skills Duration: 5 Hours

12. Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette.

13. Explain the importance of active listening for effective communication

14. Discuss the significance of working collaboratively with others in a team

Diversity & Inclusion Duration: 2.5 Hours

15. Demonstrate how to behave, communicate, and conduct oneself appropriately with all genders and PwD

16. Discuss the significance of escalating sexual harassment issues as per POSH act.

Financial and Legal Literacy Duration: 5 Hours

17. Outline the importance of selecting the right financial institution, product, and service

18. Demonstrate how to carry out offline and online financial transactions, safely and securely

19. List the common components of salary and compute income, expenditure, taxes, investments etc.

20. Discuss the legal rights, laws, and aids

Essential Digital Skills Duration: 10 Hours

21. Describe the role of digital technology in today's life

22. Demonstrate how to operate digital devices and use the associated applications and features, safely and securely

23. Discuss the significance of displaying responsible online behavior while browsing, using various social media platforms, e-mails, etc., safely and securely

24. Create sample word documents, excel sheets and presentations using basic features

25. utilize virtual collaboration tools to work effectively

Entrepreneurship Duration: 7 Hours

26. Explain the types of entrepreneurship and enterprises

27. Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan

28. Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement

29. Create a sample business plan, for the selected business opportunity

Customer Service Duration: 5 Hours

30. Describe the significance of analyzing different types and needs of customers

31. Explain the significance of identifying customer needs and responding to them in a professional manner.

32. Discuss the significance of maintaining hygiene and dressing appropriately

Getting Ready for apprenticeship & Jobs Duration: 8 Hours

33. Create a professional Curriculum Vitae (CV)

34. Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively

35. Discuss the significance of maintaining hygiene and confidence during an interview

36. Perform a mock interview

37. List the steps for searching and registering for apprenticeship opportunities

#### Classroom Aids:

Charts, Models, Flip Chart, White-Board/SmartBoard, Marker, Duster

#### Tools, Equipment, and Other Requirements

1. Computer (PC) with latest configurations – and Internet connection with standard operating system and standard word processor and worksheet software (Licensed)

(all software should either be latest version or one/two version below)

As required

## Annexure

### Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Experience	Industry	Training Experience		Remarks
		Years	Specialization	Years	Specialization	
High School		6 Year	Tailoring	0	Tailoring	The candidate should possess good knowledge of sampling process, pattern making, fabrics, cutting and stitching garments etc using
Senior Secondary		5 Year	Tailoring	0	Tailoring	
Diploma		4 Year	Tailoring	0	Tailoring	

Graduation		3 Year	Tailoring	0	Tailoring	machines like industrial sewing machines ,equipment, tools, material, ,Safety, Health & hygiene and other requirements of relevant job role .
Post graduate diploma		2 Year	Tailoring	0	Tailoring	
Post Graduate Degree in relevant trade or sector		1 Year	Tailoring	0	Tailoring	

### Trainer Certification

Domain Certification	Platform Certification
Certificate for Job Role: “Sampling Tailor” mapped to QP: “AMH/Q0701” <b>Minimum accepted % as per respective SSC guidelines is 80%.</b>	Recommended that the Trainer is certified for the Job Role: “Trainer”, mapped to the Qualification Pack: “Master Trainer (VET and Skills) MEP/Q2601 v2.0”. Minimum accepted score is 80%.

### Trainer Prerequisites

Minimum Educational Qualification	Specialization	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
<b>Graduate/CITS</b>	Any discipline			2	Teaching experience	Prospective ES trainer should: <ul style="list-style-type: none"> <li>• have good communication skills</li> <li>• be well versed in English</li> <li>• have digital skills</li> <li>• have attention to detail</li> <li>• be adaptable</li> <li>• have willingness to learn</li> </ul>
<b>Current ITI trainers</b>	Employability Skills Training (3 days full-time course done between 2019-2022)					
<b>Certified current EEE trainers (155 hours)</b>	from Management SSC (MEPSC)					

<b>Certified Trainer</b>	Qualification Pack: Trainer (MEP/Q0102)					
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Trainer Certification	
Domain Certification	Platform Certification
<b>Certified in 90-hour Employability NOS (2022), with a minimum score of 80%</b> OR <b>Certified in 120-hour Employability NOS (2022), with a minimum score of 80%</b>	NA

Master Trainer Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Experience		Industry Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
<b>Graduate/CITS</b>	Any discipline			3	Employability Skills curriculum training experience with an interest to train as well as orient other	Prospective ES Master trainer should: <ul style="list-style-type: none"> <li>• have good communication skills</li> <li>• be well versed in English</li> </ul>
<b>Certified Master Trainer</b>	Qualification Pack: Master Trainer (MEP/Q2602)			3	EEE training of Management SSC (MEPSC) (155 hours)	<ul style="list-style-type: none"> <li>• have basic digital skills</li> <li>• have attention to detail</li> <li>• be adaptable</li> <li>• have willingness to learn</li> <li>• be able to grasp concepts fast and is creative with teaching practices and likes sharing back their learning with others</li> </ul>

Master Trainer Certification
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Domain Certification	Platform Certification
<b>Certified in 60-hour Employability NOS (2022), with a minimum score of 90%.</b> OR <b>Certified in 120-, 90-hour Employability NOS (2022), with a minimum score of 90%</b>	NA

## Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification	Specialization	Relevant Experience	Industry	Training Experience		Remarks
		Years	Specialization	Years	Specialization	
ITI		4 Year	Tailoring	0	Tailoring	The candidate should possess good knowledge of sampling process, pattern making, fabrics, cutting and stitching garments etc using machines like industrial sewing machines ,equipment, tools, material, ,Safety, Health & hygiene and other requirements of relevant jobrole .
Diploma		4 Year	Tailoring	0	Tailoring	
Graduation		3 Year	Tailoring	0	Tailoring	
Post graduate diploma		2 Year	Tailoring	0	Tailoring	
Post Graduate Degree in relevant trade or sector		1 Year	Tailoring	0	Tailoring	

Assessor Certification	
Domain Certification	Platform Certification
Certificate for Job Role: "Sampling Tailor" mapped to QP: "AMH/Q0701"  <b>Minimum accepted % as per respective SSC guidelines is 80%.</b>	Recommended that the Assessor is certified for the Job Role: "Assessor", mapped to the Qualification Pack: "Assessor (VET and Skills) MEP/Q2701 v2.0". Minimum accepted % as per respective SSC guidelines is 80%.



## Assessment Strategy

1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS. examination/training center (as per assessment criteria below)
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each.
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on these criteria.
6. To pass the Qualification Pack, every trainee should score a minimum of 70% aggregate in QP.
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

## Acronyms and Abbreviations

<b>NOS</b>	National Occupational Standard(s)
<b>NSQF</b>	National Skills Qualifications Framework
<b>QP</b>	Qualifications Pack
<b>TVET</b>	Technical and Vocational Education and Training

## Glossary

<b>Sector</b>	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
<b>Sub-sector</b>	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
<b>Occupation</b>	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
<b>Job role</b>	Job role defines a unique set of functions that together form a unique employment opportunity in an organization.

<b>Occupational Standards (OS)</b>	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
<b>Performance Criteria (PC)</b>	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
<b>National Occupational Standards (NOS)</b>	NOS are occupational standards which apply uniquely in the Indian context.
<b>Qualifications Pack (QP)</b>	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
<b>Unit Code</b>	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
<b>Unit Title</b>	Unit title gives a clear overall statement about what the incumbent should be able to do.
<b>Description</b>	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
<b>Scope</b>	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.
<b>Knowledge and Understanding (KU)</b>	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organizational specific knowledge that an individual needs in order to perform to the required standard.
<b>Organisational Context</b>	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
<b>Technical Knowledge</b>	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
<b>Core Skills/ Generic Skills (GS)</b>	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.

<b>Electives</b>	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
<b>Options</b>	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.