

# Model Curriculum

## 1. Hand Embroiderer

**SECTOR: APPAREL, MADE-UP'S AND HOME FURNISHING**  
**SUB-SECTOR: Apparel / MADE-UP'S / HOME FURNISHING**  
**OCCUPATION: EMBROIDERY**  
**REF ID: AMH/Q1001**  
**NSQF LEVEL: 4**



## Certificate

### CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

**APPAREL MADE-UPS HOME FURNISHING SECTOR SKILL COUNCIL**

for the

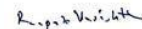
### MODEL CURRICULUM

Complying to National Occupational Standards of  
Job Role/ Qualification Pack: 'Hand Embroiderer QP No. 'AMH/Q1001  
NSQF Level 4'

Date of Issuance: **December 15, 2016**

Valid up to: **December 15, 2017**

\* Valid up to the next review date of the Qualification Pack



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Chief Executive Officer (Apparel  
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# Hand Embroiderer

## CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Hand Embroiderer”, in the “Apparel, Made Ups and Home Furnishing” Sector/Industry and aims at building the following key competencies amongst the learner.

Program Name	Hand Embroiderer		
Qualification Pack Name & Reference ID.	Hand Embroiderer; AMH/Q1001		
Version No.	1.0	Version Update Date	As per QP
Pre-requisites to Training	Preferably Class 5 <sup>th</sup>		
Training Outcomes	<ul style="list-style-type: none"> <li>Carry out different types of embroidery stitches – Flat, Loop &amp; Knotted stitches</li> <li>Embroider decorative designs using a combination of stitches &amp; work styles</li> <li>Contribute to achieve quality in embroidery work</li> <li>Maintaining work premises &amp; tools</li> <li>Maintain health, safety and security at workplace</li> </ul>		

This course encompasses 5 out of 5 National Occupational Standards (NOS) of “Hand Embroiderer” Qualification Pack issued by “APPAREL, MADE-UPS AND HOME FURNISHING SECTOR SKILL COUNCIL”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p><b>Introduction and Orientation</b></p> <p><b>Theory Duration</b> (hh:mm) 02:00</p> <p><b>Practical Duration</b> (hh:mm) 00:00</p> <p><b>Corresponding NOS Code</b> Bridge Module</p>	<ul style="list-style-type: none"> <li>Understand Embroidery and Hand Embroidery</li> <li>Identify various hand embroidery techniques done in India</li> <li>Know about the Apparel Sector in India</li> <li>Understand and follow roles and responsibilities of a Hand Embroiderer</li> </ul>	Computer, Projector, Whiteboard, marker
2	<p><b>Carry out different types of embroidery stitches – Flat, loop and knotted stitches</b></p> <p><b>Theory Duration</b> (hh:mm) 15:00</p> <p><b>Practical Duration</b> (hh:mm) 50:00</p> <p><b>Corresponding NOS Code</b> AMH/N1001</p>	<ul style="list-style-type: none"> <li>recognize tools and materials for different types of embroidery</li> <li>gain knowledge of different types of fabrics, other materials and accessories used in embroidery like : <ul style="list-style-type: none"> <li>Different types of trims</li> <li>Thread, thread thickness, shades and sizes</li> <li>Types of needles and their suitability</li> </ul> </li> <li>gain knowledge about different types of embroidery material and how they differ</li> <li>know different categories of basic stitches of hand embroidery- their techniques and application</li> <li>types of defects and the procedure to check the materials required for embroidery with the given specification and free from faults</li> <li>understand the artwork and follow the instructions and design specifications given for the embroidery to be done.</li> <li>analyse and interpret the given design which needs to be embroidered and type of embroidery that is required to be done</li> <li>trace design on fabric/material to be embroidered</li> <li>select appropriate needle and thread for the type of embroidery to be carried out according to the texture and fibre material.</li> <li>identify colour combination/usage of thread as per the given design</li> <li>handle the materials and tools safely and correctly</li> <li>use correct lifting and handling procedures</li> </ul>	Thread, various materials, count and ply, Novelty Yarns, Badges, stickers, patches and other surface embellishments, Masking Tape, Needles of various sizes, Thimbles, Measuring tape 150cm, Scissors – paper cutting/fabric cutting, Frame/square round – various diameters, Tracing paper, Carbon Paper (Various colours), Kerosene, Cotton Swabs/Dabber, Ink, Hand held thread trimmer, Seam Ripper, Pencils (HB, 2B, 4B), Pick glass, pens, Tracing Wheel, Tailor’s Chalk, Pins & safety pins, Pin Cushion, Dress maker’s Pin, Nonwoven Non-fusible Backing Paper, Nonwoven Fusible Backing Paper, Hand embroidery workbook, Student’s Chair with Table Arm, Teacher’s Table, White Board, White Board Marker, Labels and Stickers, Cupboard, Any Dress, Form (Optional), Dustbin,

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> <li>• carry out the following stitches –               <ul style="list-style-type: none"> <li>➤ Running stitch</li> <li>➤ Back stitch</li> <li>➤ Stem stitch</li> <li>➤ Satin stitch</li> <li>➤ Kashmiri stitch</li> <li>➤ Couching stitch</li> <li>➤ Cross stitch technique</li> <li>➤ Herringbone stitch</li> <li>➤ Different type of loop stitches</li> </ul> </li> <li>• Different types of knotted stitches</li> <li>• check with in charge, when unsure of new product details</li> <li>• minimise and dispose the waste materials in the approved manner</li> <li>• Carry out operations at a rate which maintains the flow</li> <li>• respond appropriately if the embroidery do not meet product/design specification &amp; take corrective action</li> <li>• take action in the event of damaged tool/material</li> </ul>	<p>Swatch Files, Trim Files, Embroidery Design Templates, Design Specification sheet, Fabric yardage, Design templates, Scales, Glue, Bent Neck needle/aari /adda/emb needle, First Aid Box, Teacher's Chair, Ink or tracing material, Samples, Garments, Made Ups And Home Furnishing and embroidery swatches, Iron Unit, Adda For Embroidery</p>
3	<p><b>Embroider decorative designs using a combination of stitches and work styles</b></p> <p><b>Theory Duration</b> (hh:mm) 12:00</p> <p><b>Practical Duration</b> (hh:mm) 50:00</p> <p><b>Corresponding NOS Code</b> AMH/N1002</p>	<ul style="list-style-type: none"> <li>• make sure that the work area is free from hazards</li> <li>• ensure the materials used meet the specification matching –</li> <li>• Embroidery artwork</li> <li>• Design sample of the embroidered product</li> <li>• select the correct component parts/fabric/material/tool for embroidery</li> <li>• trace the embroidery design accurately &amp; neatly on the fabric</li> <li>• make satin, chain, buttonhole stitches and different types of edges(hem stitch, scallops, lace &amp; rolled hem)</li> <li>• make long and short, shade work, satin and French knot stitches</li> <li>• carry out applique work as per design details</li> <li>• use and combine different hand embroidery techniques to creative decorative designs such as –               <ul style="list-style-type: none"> <li>➤ Cross stitch</li> <li>➤ Tapestry stitch</li> <li>➤ Shadow work</li> <li>➤ Mirror work</li> <li>➤ English smocking</li> <li>➤ Cut work</li> <li>➤ Sindhi work</li> </ul> </li> <li>• ensure the embroidered design conform to the artwork specifications</li> <li>• inspect embroidered product against specifications</li> <li>• perform all embroidery functions with</li> </ul>	<p>same as above</p>



Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> <li>Know different types of cleaning substances and their uses</li> <li>Effects of contamination on products</li> </ul>	pins, Dress maker's Pin, Nonwoven Non-fusible Backing Paper, Nonwoven Fusible Backing Paper
6	<p><b>Maintain health, safety and security at workplace</b></p> <p><b>Theory Duration</b> (hh:mm) 08:00</p> <p><b>Practical Duration</b> (hh:mm) 05:00</p> <p><b>Corresponding NOS Code</b> AMH/N0103</p>	<ul style="list-style-type: none"> <li>Comply with health and safety related instructions applicable to the workplace</li> <li>Use and maintain personal protective equipment as per protocol</li> <li>Maintain a healthy lifestyle and guard against dependency on intoxicants</li> <li>Follow environment management system related procedures</li> <li>Identify and correct if possible) malfunctions in machinery and equipment</li> <li>Report any service malfunctions that cannot be rectified</li> <li>Store materials and equipment in line with manufacturer's and organizational requirements</li> <li>Safely handle and move waste and debris</li> <li>Minimize health and safety risks to self and others due to own actions</li> <li>Seek clarifications, from supervisors or other authorized personnel in case of perceived risks</li> <li>Monitor the workplace and work processes for potential risks and threats</li> <li>Carryout periodic walk-through to keep work area free from hazards and obstructions, if assigned</li> <li>Report hazards and potential risks/threats to supervisors or other authorized personnel</li> <li>Participate in mock drills/evacuation procedures organized at the workplace</li> </ul>	Student's Chair with Table Arm, Teacher's Table, Display Board ( 6X3ft), Boxes for storing Items, White Board, White Board Marker, Labels and Stickers, Metallic Cupboard, documents related to health and safety measures
7	<p><b>Soft Skills</b></p> <p><b>Theory Duration</b> (hh:mm) 03:00</p> <p><b>Practical Duration</b> (hh:mm) 02:00</p> <p><b>Corresponding NOS Code</b> Bridge Module</p>	<ul style="list-style-type: none"> <li>Understand importance of effective communication</li> <li>Communicate effectively with others</li> <li>Identify and follow personal grooming and hygiene</li> <li>Follow organization procedures and maintain personal health and hygiene and avoid habits like ghatka, tobacco etc.</li> <li>Interact effectively in a group</li> <li>Manage time effectively</li> <li>Understand importance of resume and prepare your resume</li> <li>Prepare for interviews</li> </ul>	Computer, projector, whiteboard, marker
8	<b>First aid and CPR</b>	<ul style="list-style-type: none"> <li>Identify methods of first aid</li> <li>Undertake basic first aid,</li> </ul>	First Aid Kit, CPR mannequin



Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<b>Theory Duration</b> (hh:mm) 02:00 <b>Practical Duration</b> (hh:mm) 03:00 <b>Corresponding NOS Code</b> Bridge Module	<ul style="list-style-type: none"> <li>Undertake basic CPR</li> </ul>	
	<b>Total Duration</b> <b>200 Hrs</b> <b>Theory Duration</b> <b>60:00</b>  <b>Practical Duration</b> <b>140:00</b>	<b>Unique Equipment Required:</b> Thimbles, Frame/square round – various diameters, Pick glass	

Grand Total Course Duration: **200 Hours**

(This syllabus/ curriculum has been approved by APPAREL MADE-UP'S AND HOME FURNISHING SECTOR SKILL COUNCIL)

## Trainer Prerequisites for Job role: “Hand Embroiderer” mapped to Qualification Pack: “AMH/Q1001, version 1.0”

Sr. No.	Area	Details
1	<b>Job Description</b>	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with Qualification Pack “Q1001”
2	<b>Personal Attributes</b>	The candidate should have aptitude for conducting training, pre /post work to ensure competent, employable candidates at the end of training. Strong communication skills, interpersonal skills, ability to work as team; diligent and is passionate for maintaining the quality in content and training delivery methodology. Candidate should have basic understanding of English language; however this should not be a restrictive criterion as long as the candidate is willing and open to learn. He/she must be able to speak, read and write in the local language.
3	<b>Minimum Educational Qualifications</b>	ITI/Diploma, from NIFT, or any other polytechnic/ reputed institute in the core subject.
4a	<b>Domain Certification</b>	Certified for Job Role: “Hand Embroiderer” mapped to QP: “AMH/Q1001”, version 1.0. Minimum accepted score as per SSC guidelines is 80%.
4b	<b>Platform Certification</b>	Recommended that the Trainer is certified for the Job Role: “Trainer”, mapped to the Qualification Pack: “SSC/Q1402” with scoring of minimum 80%.
5	<b>Experience</b>	The candidate should have a minimum of 3 years of working experience in hand embroidery. He should be able to communicate in English and local language. He should have knowledge of equipment, tools, material, Safety, Health & Hygiene.  * The minimum required experience could be relaxed by the vigilance committee of AMHSSC, if the concerned candidate possesses qualification from premium institutes, like NID, NIFT etc.

## Annexure: Assessment Criteria

<b>Assessment Criteria for Hand Embroiderer</b>	
<b>Job Role</b>	<b>Hand Embroiderer</b>
<b>Qualification Pack</b>	<b>AMH/Q1001, version 1.0</b>
<b>Sector Skill Council</b>	<b>APPAREL, MADE-UP'S AND HOME FURNISHING</b>

<b>Sr. No.</b>	<b>Guidelines for Assessment</b>
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	Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criteria
5	To pass the Qualification Pack, every trainee should score a minimum of 70% aggregate in QP
6	In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification Pack

Assessable Outcome	Assessment Criteria	Total Marks	Out Of	Marks Allocation		
				Theory	Skills Practical	Viva
<b>1. AMH/N1001 (Carry out different types of embroidery stitches – Flat, Loop &amp; Knotted Stiches)</b>	PC1. Analyse & interpret the given design which needs to be embroidered & the type of embroidery that is required to be done		6	2	2	2
	PC2. Check the materials required for embroidery with the given specifications		4	1	2	1
	PC3. Trace design on fabric/material to be embroidered if required		8	1	6	1
	PC4. Select appropriate needle & thread for the type of embroidery to be done, according to the texture & fibre of the material Carry out Different Types of Flat Stitches		6	1	4	1
	PC5. Use needle & thread to carry out Running stitch on a given material as per the given specifications & quality standards		6	2	3	1
	PC6. Carry out Back stitch & Stem stitch on fabric		6	2	3	1
	PC7. Carry out Satin stitch & Kashmiri stitch to embroider different patterns		6	1	4	1
	PC8. Use couching stitch in hand embroidery as per given design/art work		6	1	4	1
	PC9. Use cross stitch technique to embroider different designs		6	1	4	1
	PC10. Use herringbone stitch technique for embroidery		6	1	4	1
	PC11. Carry out different types of Loop stitches for creating embroidery patterns/ designs such as :- Chain Stitch - Button hole Stitch - Blanket Stitch - Fishbone Stitch - Feather Stitch - Fly Stitch Carry out Different Types of Knotted Stitches		6	1	4	1
	PC12. Carry out different types of knotted stitches such as French knot, Double knot and Bullion knot stitch		6	1	4	1
	PC13. Check with in charge /others when unsure of new product details		6	1	3	2
	PC14. Minimise and dispose the waste materials in the approved manner		8	3	4	1



	PC16. Use & combine different hand embroidery techniques to create decorative designs such as: <ul style="list-style-type: none"> <li>• Cross Stitch</li> <li>• Tapestry Stitch</li> <li>• Shadow work</li> <li>• Mirror work</li> <li>• English Smocking</li> <li>• Cut work</li> <li>• Sindhi Work</li> </ul>		5	1	3	1
	PC17. Ensure the embroidered design conforms to the artwork specifications		5	1	3	1
	PC18. Inspect embroidered products against specifications		8	2	3	3
	PC19. Perform all embroidery operations with precision & accuracy		4	1	2	1
		<b>Total</b>	<b>100</b>	<b>26</b>	<b>50</b>	<b>24</b>
<b>3. AMH/N1003 (Contribute to achieve quality in embroidery work)</b>	PC1. Identify and use materials required based on the specifications		8	4	2	2
	PC2. Take the necessary action when materials do not conform to quality standards		5	3	1	1
	PC3. Report and replace identified faulty materials and component parts which do not meet specification		6	1	4	1
	PC4. Identify modifiable defects and rework on them		5	1	3	1
	PC5. Carry out work safely and at a rate which maintains work flow		9	1	5	3
	PC6. Report to the responsible person when the work flow of other production areas disrupts work		5	1	3	1
	PC7. Test, sort, track feed and examine work in progress		5	1	3	1
	PC8. Carry out quality checks at specified intervals according to instructions		5	1	3	1
	PC9. Apply the allowed tolerances		6	1	4	1
	PC10. Identify faults and take appropriate action for rectification		6	1	4	1
	PC11. Make adjustments promptly to ensure the embroidery work matches the specification		8	3	3	2
	PC12. Fault-find materials and components for creased, stained, damage and incorrectly made-up component arts		8	4	2	2
	PC13. Report faults in other processes to the appropriate person		4	1	2	1

	PC14. Maintain the required productivity and quality levels		5	1	3	1
	PC15. Complete and maintain documentation		5	1	3	1
		<b>Total</b>	<b>50</b>	<b>19</b>	<b>18</b>	<b>13</b>
<b>4. AMH/N1004 (Maintaining work premises and tools)</b>	PC1. Handle materials, machinery, equipment and tools safely and correctly		4	1	2	1
	PC2. Use correct lifting and handling procedures		3	1	1	1
	PC3. Use materials to minimize waste		4	1	2	1
	PC4. Maintain a clean and hazard free working area		4	1	2	1
	PC5. Maintain hand embroidery tools		4	1	2	1
	PC6. Carry out maintenance and/or cleaning within one's responsibility		4	1	2	1
	PC7. Carry out running maintenance within agreed schedules		3	1	1	1
	PC8. Report damaged tools & materials		4	1	2	1
	PC9. Ensure that the correct tools, needle, thread & trims required for hand embroidery are in place		3	1	1	1
	PC10. Work in a comfortable position with the correct posture		3	1	1	1
	PC11. Use cleaning equipment and methods appropriate for the work to be carried out		3	1	1	1
	PC12. Dispose of waste safely in the designated location		4	1	2	1
	PC13. Store cleaning equipment safely after use		4	1	2	1
	PC14. Carry out cleaning according to schedules and limits of responsibility		3	1	1	1
		<b>Total</b>	<b>50</b>	<b>14</b>	<b>22</b>	<b>14</b>
<b>5. AMH/N0103 (Maintaining a Health and safety and security at work place)</b>	PC1. Comply with health and safety related instructions applicable to the workplace		3	1	1	1
	PC2. Use and maintain personal protective equipment as per protocol		3	1	1	1
	PC3. Carry out own activities in line with approved guidelines and procedures		4	1	2	1

	PC4. Maintain a healthy lifestyle and guard against dependency on intoxicants		4	1	2	1
	PC5. Follow environment management system related procedures		3	1	1	1
	PC6. Identify and correct (if possible) malfunctions in machinery and equipment		4	1	2	1
	PC7. Report any service malfunctions that cannot be rectified		3	1	1	1
	PC8. Store materials and equipment in line with manufacturer's and organisational requirements		3	1	1	1
	PC9. Safely handle and move waste and debris		4	1	1	2
	PC10. Minimize health and safety risks to self and others due to own actions		3	1	1	1
	PC11. Seek clarifications, from supervisors or other authorized personnel in case of perceived risks		4	1	2	1
	PC12. Monitor the workplace and work processes for potential risks and threats		3	1	1	1
	PC13. Carry out periodic walk-through to keep work area free from hazards and obstructions, if assigned		3	1	1	1
	PC14. Report hazards and potential risks/ threats to supervisors or other authorized personnel		3	1	1	1
	PC15. Participate in mock drills/ evacuation procedures organized at the workplace		4	1	2	1
	PC16. Undertake first aid, fire-fighting and emergency response training, if asked to do so		3	1.5	0.5	1
	PC17. Take action based on instructions in the event of fire, emergencies or accidents		3	1	1	1
	PC18. Follow organisation procedures for shutdown and evacuation when required		3	0.5	1.5	1
	<b>Total</b>		<b>60</b>	<b>18</b>	<b>23</b>	<b>19</b>
	<b>Grand Total</b>		<b>400</b>	<b>105</b>	<b>200</b>	<b>95</b>





Apparel Made-ups and Home Furnishing Sector Skill Council  
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