



## Hand Embroiderer (Addawala) (Apparel) (Divyangjan)

QP Code: PWD/AMH/Q1001

Version: 2.0

NSQF Level: 3

Expository: Locomotor

Skill Council for PwD | | 501, City Centre, 5th Floor, 12/5, Plot 5, Sector 12, Dwaraka  
New Delhi 110076

**Adoption of Job Role for PwD :** Job mapping is critical for skill training of PwD so that the opportunity looks at him/ her not because he/ she is having a disability but because of the skill. Mapping with a disability involves research with subject matter experts (SMEs) with a view on the industry requirement without compromising on performance outcome. In cases, mapping is also supported by the use of assistive tools/ technology.

### Expository Mapped Parameters

Sector	PwD
Originating SSC	Apparel
Original QP code	AMH/Q1001
QP Version	2.0
Expository Next Review Date	30/12/2025

Expository Code	Expository Version	Expository Name	Minimum Entry Criteria	Expository Linked On
E001	1.0	Locomotor Disability	<p>Ability to Read and Write with 5 years of Experience                      or 5th Class Pass with 3 years of Experience                      or 8th class pass with 1 year Experience                      or 8th class Pass +ITI                      or 8th Class Pass pursuing continuous regular schooling                      or 10th Class Pass with no experience                      or Previous relevant Qualification of NSQF Level 2 with 1 year experience.</p> <p>* For 5th class with no experience- OJT/internship of 12 months                      * For 8th class pass with no experience – OJT/internship of 4 months</p>	N/A
E004	1.0	Speech and Hearing Impairment	<p>5th Class Pass with 3 years of Experience                      or 8th class pass with 1 year Experience                      or 8th class Pass +ITI                      or 8th Class Pass pursuing continuous regular schooling                      or 10th Class Pass with no experience                      or Previous relevant Qualification of NSQF Level 2 with 1 year experience.</p> <p>* For 5th class with no experience- OJT/internship of 12 months                      * For 8th class pass with no experience – OJT/internship of 4 months</p>	N/A



# Contents

AMH/Q1001: Hand Embroiderer (Addawala) .....	4
<i>Brief Job Description</i> .....	4
Applicable National Occupational Standards (NOS) .....	4
<i>Compulsory NOS</i> .....	4
<i>Qualification Pack (QP) Parameters</i> .....	4
AMH/N0102: .Maintain workarea, tools and machines and Greening of Job Roles.....	6
AMH/N0103: Maintain health, safety and secure work place with Gender and PwD Sensitization .....	10
AMH/N0104: Comply with industry, regulatory and organizational requirements and Greening of Job roles .....	14
AMH/N1010: Plan Organize and Carry out the process of hand embroidery(addawala).....	18
AMH/N1011: Embroider decorative designs using a combination of stitches & work styles as per customer requirements.....	22
AMH/N1003: Contribute to achieve quality in embroidery work .....	27
Assessment Guidelines and Weightage .....	30
<i>Assessment Guidelines</i> .....	30
<i>Assessment Weightage</i> .....	31
Acronyms .....	32
Glossary .....	33

## AMH/Q1001: Hand Embroiderer (Addawala)

### Brief Job Description

A Hand Embroiderer and/or an Addawala embroiders decorative designs as per the tracings or customer requirements on fabric & other materials by hand, using needle & thread. The hand embroiderer uses a variety of sewing techniques to create different kinds of embroidery stitches & effects such as Cross stitch, French knot stitch, Bullion knot stitch, Shade work, Applique work, English Smocking etc. The job requires the hand embroiderer to have the skills to stitch a variety of stitches with precision and accuracy to obtain the desired look.

### Personal Attributes

A Hand Embroiderer should have good eyesight, hand-eye coordination, motor skills, attention to detail and vision (including near vision, distance vision, color vision, peripheral vision, depth perception and ability to change focus).

### Applicable National Occupational Standards (NOS)

#### Compulsory NOS:

1. [AMH/N0102: .Maintain workarea, tools and machines and Greening of Job Roles](#)
2. [AMH/N0103: Maintain health, safety and secure work place with Gender and PwD Sensitization](#)
3. [AMH/N0104: Comply with industry, regulatory and organizational requirements and Greening of Job roles](#)
4. [AMH/N1010: Plan Organize and Carry out the process of hand embroidery\(addawala\)](#)
5. [AMH/N1011: Embroider decorative designs using a combination of stitches & work styles as per customer requirements](#)
6. [AMH/N1003: Contribute to achieve quality in embroidery work](#)
7. [Under take Employability Skills NOS](#)

### Qualification Pack (QP) Parameters

Sector	Apparel
Sub-Sector	Apparel
Occupation	Hand Embroidery
Country	India
NSQF Level	3

<b>Aligned to NCO/ISCO/ISIC Code</b>	NCO-2015/7533.0201
<b>Minimum Educational Qualification &amp; Experience</b>	5th Class with 3 Years of experience in relevant field OR 8th Class with 2 Years of experience in relevant field OR Certificate-NSQF (Level 2) with 1 Year of experience as Layerman
<b>Minimum Level of Education for Training in School</b>	
<b>Pre-Requisite License or Training</b>	Training in Sewing operations
<b>Minimum Job Entry Age</b>	18 Years
<b>Last Reviewed On</b>	27/01/2022
<b>Next Review Date</b>	30/12/2024
<b>NSQC Approval Date</b>	30/12/2021
<b>Version</b>	2.0

## AMH/N0102: .Maintain workarea, tools and machines and Greening of Job Roles

### Description

This unit provides Performance Criteria, Knowledge & Understanding and Skills & Abilities required to organize/ maintain work areas and activities to ensure tools and machines are maintained as per norms

### Scope

The scope covers the following :

- Maintenance of the work area, tools and machines and observe green processes in job roles

### Elements and Performance Criteria

#### *Maintain the workarea, tools and machines and Greening of Job Roles*

To be competent, the user/individual on the job must be able to:

- PC1. Handle materials, machinery, equipment and tools safely and correctly to maintain a clean and hazard free working area and support adaptation to more environmentally friendly processes
- PC2. Use correct lifting and handling procedures; and inculcate sustainable consumption practices and offer relevant greening solutions
- PC3. Use materials efficiently to minimize wastage and dispose off waste safely at the designated location.
- PC4. Carryout running maintenance and/or cleaning within one's responsibility and agreed schedules
- PC5. Report any unsafe or damaged equipment and other dangerous occurrences to the authorized personnel
- PC6. Ensure that the correct machine guards are in place
- PC7. Work in a comfortable position and maintain correct posture
- PC8. Use cleaning equipment and methods appropriate for the work to be carried out

### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1. Importance of good health, personal hygiene and duty of care
- KU2. Importance of safe working practices and code of conduct (COC) and Social Accountability standards followed by the organization/ industry
- KU3. Limits of your own responsibility
- KU4. The production process and the specific work activities that relate to the whole process
- KU5. The line and importance of effective communication with superiors and colleagues
- KU6. Knowledge about the organization's rules, codes, quality standards, reporting procedures and guidelines (including timekeeping)
- KU7. The importance of complying with written instructions
- KU8. Knowledge about equipment operating procedures / manufacturer's instructions

- KU9. Work instructions and specifications and interpret them accurately
- KU10. Method to make use of the information detailed in specifications and instructions
- KU11. Relation between work role and the overall manufacturing process
- KU12. The importance of taking action when problems are identified
- KU13. Different ways of minimizing waste
- KU14. The importance of running maintenance and regular cleaning
- KU15. Effects of contamination on products i.e., machine oil, dirt
- KU16. Common faults with equipment and the method to rectify
- KU17. Maintenance procedures
- KU18. Hazards likely to be encountered when conducting routine maintenance
- KU19. Types of cleaning equipment and substances and their use
- KU20. Safe working practices for cleaning and the method of carrying them out
- KU21. Making conscious and sustainable decisions for achieving effective and green workplace.

### Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1. Write and document appropriate technical forms, job cards, inspection sheets as per the required format of the company
- GS2. Read and comprehend basic English to interpret indicators in the operating manuals, job cards, visual cards
- GS3. Read and understand manuals, health and safety instructions, memos, reports, job cards etc.
- GS4. Speak and communicate effectively with peers and supervisors
- GS5. Give clear detailed instructions to co-workers, subordinates and others
- GS6. Use correct technical terms while interacting with supervisor
- GS7. Take appropriate decisions regarding your responsibilities
- GS8. Assess for any damaged / faulty component in the concerned machinery and take action accordingly
- GS9. Evaluate the decision and conduct basic trouble shooting
- GS10. Plan and manage work routine based on company procedure
- GS11. Work with supervisors/ team mates to carry out work related tasks
- GS12. Plan for cleaning and lubricating the concerned machinery, tools, and workplace daily before and after operations
- GS13. Ensure and follow organizational procedures pertaining to health and safety are followed
- GS14. Solve operational role related issues
- GS15. Diagnose common problems in the machine based on visual inspection, sound, temperature etc.
- GS16. Analyse, evaluate and apply the information gathered from observation, experience, reasoning, or communication to act efficiently
- GS17. Make conscious and sustainable decisions that help reduce, rescue, and recycle the company resources
- GS18. Identify and replace processes that create unnecessary waste



## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Maintain the workarea, tools and machines and Greening of Job Roles</i>	14	49	-	7
PC1. Handle materials, machinery, equipment and tools safely and correctly to maintain a clean and hazard free working area and support adaptation to more environmentally friendly processes	2	5	-	1
PC2. Use correct lifting and handling procedures; and inculcate sustainable consumption practices and offer relevant greening solutions	2	5	-	1
PC3. Use materials efficiently to minimize wastage and dispose off waste safely at the designated location.	2	3	-	1
PC4. Carryout running maintenance and/or cleaning within one’s responsibility and agreed schedules	2	10	-	1
PC5. Report any unsafe or damaged equipment and other dangerous occurrences to the authorized personnel	2	3	-	0.5
PC6. Ensure that the correct machine guards are in place	2	3	-	1
PC7. Work in a comfortable position and maintain correct posture	1	10	-	0.5
PC8. Use cleaning equipment and methods appropriate for the work to be carried out	1	10	-	1
<b>NOS Total</b>	<b>14</b>	<b>49</b>	<b>-</b>	<b>7</b>

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AMH/N0102
<b>NOS Name</b>	.Maintain workarea, tools and machines and Greening of Job Roles
<b>Sector</b>	Apparel
<b>Sub-Sector</b>	Apparel, Made-Ups & Home Furnishing
<b>Occupation</b>	Sewing
<b>NSQF Level</b>	4
<b>Credits</b>	TBD
<b>Version</b>	11.0
<b>Last Reviewed Date</b>	30/12/2021
<b>Next Review Date</b>	30/12/2024
<b>NSQC Clearance Date</b>	30/12/2021

## AMH/N0103: Maintain health, safety and secure work place with Gender and PwD Sensitization

### Description

This unit provides performance criteria, knowledge & understanding, and skills & abilities required to comply with health, safety, and security requirements at the workplace and covers procedures to prevent, control and minimize risk to self and others

### Scope

The scope covers the following :

- Potential risks associated with hazardous processes and guidelines for medical emergencies.

### Elements and Performance Criteria

*Hazards and potential risks associated with the process, guidelines for medical emergencies and evacuation process; gender & PwD sensitization*

To be competent, the user/individual on the job must be able to:

- PC1. Comply with health, safety gender and PwD (People with disability) related instructions applicable to the workplace.
- PC2. Actively participate in mock drills/evacuation procedures and group discussions related to a safe and secure work place.
- PC3. Training sensitization programs for gender and PwD awareness organized at the workplace.
- PC4. Use and maintain materials and equipment as per protocol.
- PC5. Capable to perform first-aid, firefighting or any other emergency response procedures and follow organization procedures for shutdown and evacuation when required
- PC6. Monitor the work place and processes for potential risks/ threats to supervisors or other authorized personnel and ensure gender equality and PwD (People with disability) security.

### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1. The importance of gender equality being followed in the organization and policies for reporting any harassment or inappropriate behavior
- KU2. How to accommodate employees with disabilities; etiquette to adhere to and proper language and terminology
- KU3. How to communicate, offer help, respecting space, parking etc. for people with disabilities or special needs.
- KU4. Promote a safe, accessible and healthy workplace for disabled employees.
- KU5. Health and safety related practices applicable at the workplace.
- KU6. Potential hazards, risks and threats based on nature of operations; the ways to minimize these and response to these scenarios.
- KU7. The code of conduct (COC) and Social Accountability standards followed by the organization/ industry

- KU8. Layout of the plant and details of emergency exits, escape routes, emergency equipment and assembly points.
- KU9. Reporting protocol and documentation required.
- KU10. The occupational health and safety risks and methods; importance of personal protective equipment and method of use.
- KU11. Identification, handling and storage of hazardous substances.
- KU12. Proper disposal system for waste and by-products.
- KU13. Signage related to health and safety and their meaning.
- KU14. The importance of personal health and hygiene and the ill effects of usage of intoxicants such as alcohol, tobacco and drugs.

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1. Create a positive and inclusive workplace atmosphere without any kind of bias/discrimination towards any employee.
- GS2. Actively take part in any discussion/workshop organized for gender sensitization training
- GS3. Read and comprehend written instructions related to gender equality and Pwd awareness/issues in the organization
- GS4. Identify and report any harassment or inappropriate behavior towards any employee
- GS5. Identify and report any distinction, exclusion, harassment or inappropriate behavior towards any employee
- GS6. Document and report any health and safety related incidents/ accidents to the authorized personnel.
- GS7. Read all organizational and equipment related health and safety manuals and documents
- GS8. Read instructions, guidelines/procedures/rules related to the worksite and machine operations
- GS9. Keep abreast with the latest developments for innovative safety services and tools by reading brochures, pamphlets, magazines etc
- GS10. Discuss the latest approach for safety and security with the team
- GS11. Evaluate and use correct PPE kit and other safety gear while at the workplace
- GS12. Work with supervisors/ team mates to carry out work related tasks as per schedule
- GS13. Keep work area free from potential hazards
- GS14. Follow organizational procedures pertaining to health and safety.
- GS15. Take appropriate actions during emergencies, accidents or fire at the workplace
- GS16. Resolve issues pertaining to malfunctions in machineries and report if required
- GS17. Identify emergency situations; their cause & effect relationship and suggest probable solutions
- GS18. Analyze, evaluate and apply the information gathered from observation, experience, reasoning, or communication to act efficiently
- GS19. Create a positive and inclusive workplace atmosphere without any kind of bias/discrimination towards any employee
- GS20. Actively take part in any discussion/workshop organized for gender sensitization training
- GS21. Read and comprehend written instructions related to gender equality issues in the organization

## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Hazards and potential risks associated with the process, guidelines for medical emergencies and evacuation process; gender &amp; PwD sensitization</i>	22	12	-	6
PC1. Comply with health, safety gender and PwD (People with disability) related instructions applicable to the workplace.	4	2	-	1
PC2. Actively participate in mock drills/evacuation procedures and group discussions related to a safe and secure work place.	4	2	-	1
PC3. Training sensitization programs for gender and PwD awareness organized at the workplace.	4	2	-	1
PC4. Use and maintain materials and equipment as per protocol.	3	2	-	1
PC5. Capable to perform first-aid, firefighting or any other emergency response procedures and follow organization procedures for shutdown and evacuation when required	4	2	-	1
PC6. Monitor the work place and processes for potential risks/ threats to supervisors or other authorized personnel and ensure gender equality and PwD (People with disability) security.	3	2	-	1
<b>NOS Total</b>	<b>22</b>	<b>12</b>	<b>-</b>	<b>6</b>

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AMH/N0103
<b>NOS Name</b>	Maintain health, safety and secure work place with Gender and PwD Sensitization
<b>Sector</b>	Apparel
<b>Sub-Sector</b>	Apparel, Made-Ups & Home Furnishing
<b>Occupation</b>	Sewing, Sewing, Specialized Sewing, Sampling, Ironing, Hand Embroidery, Production Supervision, Computerized Embroidery, Laying, Quality Control
<b>NSQF Level</b>	4
<b>Credits</b>	TBD
<b>Version</b>	5.0
<b>Last Reviewed Date</b>	30/12/2021
<b>Next Review Date</b>	30/12/2024
<b>NSQC Clearance Date</b>	30/12/2021

## AMH/N0104: Comply with industry, regulatory and organizational requirements and Greening of Job roles

### Description

This unit provides Performance Criteria, Knowledge & Understanding and Skills & Abilities required for complying with legal, regulatory organizational requirements.

### Scope

The scope covers the following :

- Observe organizational norms and follow green procedures at workplace.

### Elements and Performance Criteria

#### *Comply with industry, and organizational requirements and greening of job roles*

To be competent, the user/individual on the job must be able to:

- PC1. Carry out work functions in accordance with organizational standards, greening solutions, procedures, policies, legislation and regulations.
- PC2. Apply and follow organizational policies and procedures and inculcate sustainable consumption practices.
- PC3. Actively get involved in improving the performance of the organization and support adaptation to environmentally friendly processes.
- PC4. Handle materials, equipment, computer and software safely and correctly to maintain a clean and hazard free working area and support adaptation to more environmentally friendly processes
- PC5. Carry out running maintenance and/or cleaning within one's responsibility and agreed schedules and deal with work interruptions effectively.
- PC6. Report unsafe equipment and other dangerous occurrences to concerned personnel.
- PC7. Use cleaning equipment and methods appropriate for the work to be carried out.
- PC8. Request for upgrading of system or software when required for effective working and maintain a backup file when working on various design software
- PC9. All soft copies of design work to be maintained in files as well for future reference

### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1. Conscious and sustainable decisions/information for achieving an effective and green workplace.
- KU2. The importance of safe working practices and code of conduct (COC) and Social Accountability standards followed by the organization/ industry
- KU3. The production procedures and the specific work activities relate to the whole process.
- KU4. The organization's rules, codes, quality standards, reporting procedures and guidelines (including timekeeping)
- KU5. The work instructions and specifications and interpret them accurately
- KU6. To make use of the information detailed in specifications and instructions

- KU7. The importance of taking action when problems are identified
- KU8. The importance of running maintenance and regular cleaning and Maintenance procedures
- KU9. Effects of contamination on products i.e., Machine oil, dirt and different ways of minimizing waste.
- KU10. The common faults with equipment and the method to rectify.

### Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1. Make conscious and sustainable decisions that help reduce, reuse, and recycle the company resources.
- GS2. Identify and replace processes that create unnecessary waste
- GS3. Communicate with others in writing (wherever applicable)
- GS4. Use the accurate terminology
- GS5. Follow manuals/procedures/and compliance policies
- GS6. Update actively with modifications through written print and mail communication (digital)
- GS7. Listen effectively and orally communicate information accurately and Make decisions on a suitable course of action or response.
- GS8. Communicate proactively on critical issues and Follow rule-based decision-making processes
- GS9. Identify situation that need escalation on quality issues and seek intervention
- GS10. Plan and organize your work to achieve targets and deadlines and consult/coordinate for effective delivery.
- GS11. Apply problem-solving approaches in different situations
- GS12. Refer anomalies to the particular personnel
- GS13. Analyze needs, requirements and dependencies in order to meet your work requirements
- GS14. Seek participation of members from Quality, Production, Audit or any other team for effective solutions
- GS15. Provide opinions on work in a detailed and constructive way to the concerned personnel



## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Comply with industry, and organizational requirements and greening of job roles</i>	20	10	-	10
PC1. Carry out work functions in accordance with organizational standards, greening solutions, procedures, policies, legislation and regulations.	2	1	-	1
PC2. Apply and follow organizational policies and procedures and inculcate sustainable consumption practices.	2	1	-	1
PC3. Actively get involved in improving the performance of the organization and support adaptation to environmentally friendly processes.	2	1	-	1
PC4. Handle materials, equipment, computer and software safely and correctly to maintain a clean and hazard free working area and support adaptation to more environmentally friendly processes	3	2	-	2
PC5. Carry out running maintenance and/or cleaning within one’s responsibility and agreed schedules and deal with work interruptions effectively.	3	1	-	1
PC6. Report unsafe equipment and other dangerous occurrences to concerned personnel.	2	1	-	1
PC7. Use cleaning equipment and methods appropriate for the work to be carried out.	2	1	-	1
PC8. Request for upgrading of system or software when required for effective working and maintain a backup file when working on various design software	2	1	-	1
PC9. All soft copies of design work to be maintained in files as well for future reference	2	1	-	1
<b>NOS Total</b>	<b>20</b>	<b>10</b>	<b>-</b>	<b>10</b>

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AMH/N0104
<b>NOS Name</b>	Comply with industry, regulatory and organizational requirements and Greening of Job roles
<b>Sector</b>	Apparel
<b>Sub-Sector</b>	Apparel, Made-Ups & Home Furnishing
<b>Occupation</b>	Sewing, Ironing, Export Operations, Designing, Boutique Operations, Quality Control, Sewing, Laying, Inventory Management, Hand Embroidery
<b>NSQF Level</b>	4
<b>Credits</b>	TBD
<b>Version</b>	5.0
<b>Last Reviewed Date</b>	30/12/2021
<b>Next Review Date</b>	30/12/2024
<b>NSQC Clearance Date</b>	30/12/2021

## AMH/N1010: Plan Organize and Carry out the process of hand embroidery(addawala)

### Description

This unit is about skills required to carry out the task of planning for process of hand embroidery.

### Scope

The scope covers the following :

- To plan for processes of embroidery and to organize the activities within the plan

### Elements and Performance Criteria

#### *To plan for processes of embroidery and to organize the activities within the plan*

To be competent, the user/individual on the job must be able to:

- PC1. Analyze & interpret the design and the type of embroidery to be done
- PC2. Check the materials required (such as frame, base fabric, needles, threads and/or any other accessories required as per design detail) and tracing (khaka) for clarity of the markings (tracing lines) with the given specifications
- PC3. Trace the design on fabric/material to be embroidered if required
- PC4. Select appropriate needle & thread for the type of embroidery to be done, according to the texture, fibre of the material and the final desired look
- PC5. Carry out different types of loop stitches for creating embroidery patterns/ designs such as:  
1. chain stitch 2. Button hole stitch 3. Blanket stitch 4. fishbone stitch 5. Feather stitch 6. Fly stitch
- PC6. Carry out different types of knotted stitches such as French knot, double knot and bullion knot stitch
- PC7. Carry out other stitches such as running stitch, back stitch, stem stitch, satin stitch, Kashmiri stitch, couching, herringbone, cross stitch etc.
- PC8. Check with in charge or authorized personnel when unsure of new product details
- PC9. Carry out operations at a rate which maintains workflow
- PC10. Respond appropriately if the embroidery do not meet product/design specification & take corrective action.

### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1. Organizational policies, working practices, compliance procedures, guidelines and standards for quality
- KU2. Quality systems and other processes practiced in the organization
- KU3. Types of problems with quality and how to report them to appropriate people in case of any fault or breach
- KU4. The importance of complying with written instructions
- KU5. Who to refer problems to when they are outside the limit of your authority

- KU6. Organization's tools, templates and processes for embroidery related operations in production
- KU7. Different types of hand embroidery techniques & associated stitch type such as flat stitches running stitch back stitch stem stitch satin stitch kashmiri stitch couching stitch cross stitch herringbone stitch loop stitches chain stitch lazy-daisy stitch button hole stitch blanket stitch fishbone stitch feather stitch fly stitch knotted stitches French knot stitch double knot stitch bullion knot stitch
- KU8. Categories of basic stitches of hand embroidery-their techniques and applications
- KU9. Embroidery threads and their classification, thickness, shade and sizes
- KU10. Required tools & materials for different types of embroidery
- KU11. Color combination/usage of thread as per the given design
- KU12. Different types of fabrics & other materials and accessories used in embroidery
- KU13. Technical terms associated with different kinds of embroidery work
- KU14. Types of needles & their suitability
- KU15. Different types of trims used in embroidery

### Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1. Write in local language
- GS2. Read and interpret a design specifications sheet
- GS3. Read and understand art work details for the type of embroidery
- GS4. Listen effectively and orally communicate information accurately
- GS5. Ask for clarification and advice from appropriate personnel
- GS6. Follow rule-based decision-making processes and make decisions on a suitable course of action or response
- GS7. Plan and organize your work to achieve targets and deadlines
- GS8. Apply problem-solving approaches in different situations and refer anomalies to the supervisor
- GS9. Analyze data and activities
- GS10. Pass on relevant information to others
- GS11. Provide opinions on work in a detailed and constructive way

## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>To plan for processes of embroidery and to organize the activities within the plan</i>	15	50	15	10
PC1. Analyze & interpret the design and the type of embroidery to be done	1	3	-	1
PC2. Check the materials required (such as frame, base fabric, needles, threads and/or any other accessories required as per design detail) and tracing (khaka) for clarity of the markings (tracing lines) with the given specifications	1	3	-	1
PC3. Trace the design on fabric/material to be embroidered if required	1	3	-	1
PC4. Select appropriate needle & thread for the type of embroidery to be done, according to the texture, fibre of the material and the final desired look	1	2	-	1
PC5. Carry out different types of loop stitches for creating embroidery patterns/ designs such as: 1. chain stitch 2. Button hole stitch 3. Blanket stitch 4. fishbone stitch 5. Feather stitch 6. Fly stitch	2	10	5	1
PC6. Carry out different types of knotted stitches such as French knot, double knot and bullion knot stitch	2	10	5	1
PC7. Carry out other stitches such as running stitch, back stitch, stem stitch, satin stitch, Kashmiri stitch, couching, herringbone, cross stitch etc.	2	10	5	1
PC8. Check with in charge or authorized personnel when unsure of new product details	1	2	-	1
PC9. Carry out operations at a rate which maintains workflow	2	2	-	1
PC10. Respond appropriately if the embroidery do not meet product/design specification & take corrective action.	2	5	-	1
<b>NOS Total</b>	<b>15</b>	<b>50</b>	<b>15</b>	<b>10</b>

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AMH/N1010
<b>NOS Name</b>	Plan Organize and Carry out the process of hand embroidery(addawala)
<b>Sector</b>	Apparel
<b>Sub-Sector</b>	Apparel, Made-Ups & Home Furnishing
<b>Occupation</b>	Hand Embroidery
<b>NSQF Level</b>	3
<b>Credits</b>	TBD
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	27/01/2022
<b>Next Review Date</b>	30/12/2024
<b>NSQC Clearance Date</b>	30/12/2021

## AMH/N1011: Embroider decorative designs using a combination of stitches & work styles as per customer requirements

### Description

This unit provides Performance Criteria, Knowledge & Understanding and Skills & Abilities required to embroider decorative designs using a combination of hand embroidery stitches & work styles as per design requirement or customer specifications.

### Scope

The scope covers the following :

- Carrying out the embroidery processes, techniques for using different types of hand embroidery, stitches and checking for quality of embroidery works

### Elements and Performance Criteria

*Carrying out the embroidery processes, techniques for using different types of hand embroidery, stitches and checking for quality of embroidery works*

To be competent, the user/individual on the job must be able to:

- PC1. Select thread and needle according to the texture, fibre of material and the embroidery to be done.
- PC2. Follow the instructions & design specifications given for the embroidery to be done and ask questions to obtain more information in case the instructions given are unclear
- PC3. If required, trace the embroidery design accurately & neatly on the fabric
- PC4. Select the correct component parts/fabric/material for embroidery and use the correct tools and materials
- PC5. Check that the materials to be used is free from faults and ensure the materials matches the specification of embroidery artwork, design sample of the embroidered product
- PC6. Report faults in the materials or any damaged work to the authorized personnel
- PC7. Make satin, chain, button hole, long & short, shade work, satin & French knot stitches & different types of edges (hem stitch, scallops, lace & rolled hem)
- PC8. Use & combine different hand embroidery techniques to create decorative designs such as: cross stitch, tapestry stitch, shadow work, mirror work, English smocking, cut work, sindhi work, applique work
- PC9. Inspect embroidered products against specifications and ensure the embroidered design conforms to the artwork specifications
- PC10. Perform all embroidery operations with precision & accuracy to conform to company quality standards

### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1. The organization's policies and procedures and responsibilities under health, safety, compliance and environmental legislation.
- KU2. Guidelines for storage and disposal of waste materials.

- KU3. Potential hazards associated with the machines and the safety precautions that must be taken
- KU4. Protocol to obtain more information on work related tasks and relevant contact person in case of queries on procedure or products and for resolving issues related to defective machines, tools and/or equipment.
- KU5. Details of the job role and responsibilities, work target and review mechanism and the protocol for documentation and reporting.
- KU6. Protocol and format for reporting work related risks/ problems.
- KU7. Method of obtaining/giving feedback related to performance.
- KU8. Importance of teamwork and harmonious working relationships.
- KU9. Different types of embroidery, combination of basic stitches & work styles.
- KU10. Use of design specification sheet & understanding the artwork
- KU11. Range of techniques most suited to the different types of fabrics/materials
- KU12. Common factors affecting stitching & embroidery
- KU13. Different types of needles and threads
- KU14. The course of action to be taken in the event of damaged tool/material or embroidered product
- KU15. Common hazards in the work area and work place procedures for dealing with them
- KU16. The characteristics of the materials to be embroidered and how they differ
- KU17. The problems encountered when working on different types of materials
- KU18. Different types of defects and the methods of rectifying these defects
- KU19. The embroidery styles, design & color concepts
- KU20. Operating the process which ensures higher productivity
- KU21. The value of the hand embroidery being done in terms of costing of the product

## Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1. Document the embroidery specifications style wise
- GS2. Read and comprehend written instructions received in the job card and act accordingly
- GS3. Communicate with superiors and co-workers appropriately and convey detailed information to supervisors/co-workers
- GS4. Decide working process to perform the task of embroidery that gives a faster output
- GS5. Plan and organize the process of embroidery to meet the target dates and deadlines
- GS6. Organize the material requirements simultaneously while embroidering the fabric panels to avoid delay in the work
- GS7. Develop the embroidered designs as per the customer specifications/approved sample received
- GS8. Try and rectify the problems arising while embroidering the panels like loose stitches, fabric yarn breakage etc.
- GS9. Seek clarifications from the concerned supervisor/co-workers with regard to the embroidery process
- GS10. Analyze the embroidered piece with the customer specifications/approved sample received
- GS11. Critically evaluate the embroidery process with the job card received



**GS12.** Be critical while performing the embroidery task to better the workflow and the quality.

## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Carrying out the embroidery processes, techniques for using different types of hand embroidery, stitches and checking for quality of embroidery works</i>	15	65	30	10
PC1. Select thread and needle according to the texture, fibre of material and the embroidery to be done.	1	3	-	1
PC2. Follow the instructions & design specifications given for the embroidery to be done and ask questions to obtain more information in case the instructions given are unclear	2	3	-	1
PC3. If required, trace the embroidery design accurately & neatly on the fabric	1	3	5	1
PC4. Select the correct component parts/fabric/material for embroidery and use the correct tools and materials	1	3	5	1
PC5. Check that the materials to be used is free from faults and ensure the materials matches the specification of embroidery artwork, design sample of the embroidered product	1	3	-	1
PC6. Report faults in the materials or any damaged work to the authorized personnel	1	2	-	1
PC7. Make satin, chain, button hole, long & short, shade work, satin & French knot stitches & different types of edges (hem stitch, scallops, lace & rolled hem)	2	20	10	1
PC8. Use & combine different hand embroidery techniques to create decorative designs such as: cross stitch, tapestry stitch, shadow work, mirror work, English smocking, cut work, sindhi work, applique work	2	20	10	1
PC9. Inspect embroidered products against specifications and ensure the embroidered design conforms to the artwork specifications	2	3	-	1
PC10. Perform all embroidery operations with precision & accuracy to conform to company quality standards	2	5	-	1
<b>NOS Total</b>	<b>15</b>	<b>65</b>	<b>30</b>	<b>10</b>

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AMH/N1011
<b>NOS Name</b>	Embroider decorative designs using a combination of stitches & work styles as per customer requirements
<b>Sector</b>	Apparel
<b>Sub-Sector</b>	Apparel, Made-Ups & Home Furnishing
<b>Occupation</b>	Hand Embroidery
<b>NSQF Level</b>	3
<b>Credits</b>	TBD
<b>Version</b>	2.0
<b>Last Reviewed Date</b>	27/01/2022
<b>Next Review Date</b>	30/12/2024
<b>NSQC Clearance Date</b>	30/12/2021

## AMH/N1003: Contribute to achieve quality in embroidery work

### Description

This unit provides Performance Criteria, Knowledge & Understanding and Skills & Abilities required to monitor the quality while undertaking embroidery related activities to ensure that the embroidered work meets specifications.

### Scope

The scope covers the following :

- Contribute to achieving the quality in hand embroidery related operations.

### Elements and Performance Criteria

#### *Contribute to achieving the product quality in embroidery work*

To be competent, the user/individual on the job must be able to:

- PC1. Identify and use materials required based on the specifications
- PC2. Take necessary action when materials do not conform to quality standards and report and replace faulty materials and/or component parts to the authorized personnel
- PC3. Identify faults and take appropriate action for modifiable defects and rework on them
- PC4. Carry out work safely at a rate which maintains work flow, productivity and quality; and report any deviations to the authorized personnel
- PC5. Carry out quality checks at specified intervals according to instructions to test, sort, track feed and examine work in progress
- PC6. Apply the allowed tolerances and make prompt adjustments to ensure the embroidery work matches the specification
- PC7. Check the materials and components (both raw and finished) for any crease, stain or other damage/fault
- PC8. Complete and maintain relevant documentation

### Knowledge and Understanding (KU)

The individual on the job needs to know and understand:

- KU1. The organization's procedures and guidelines for safe working practices and quality systems.
- KU2. Types of problems or faults related with quality and how to identify these and report them to appropriate people
- KU3. Methods to present any ideas for improvement to relevant person
- KU4. The importance of complying with written instructions
- KU5. Limits of personal responsibility
- KU6. Types of decorative stitches, embroidery styles & techniques
- KU7. Different types of defects
- KU8. Reasons for keeping stitched/embroidered items away from contamination
- KU9. The importance of marking and segregating rejects
- KU10. Inspect embroidered products as per specifications and/or standard inspection methods

**KU11.** Identify, mark and place rejects in the design at the designated locations

**KU12.** The consequences of not rectifying problems

**KU13.** The types of adjustments suitable for specific types of faults and acceptable solutions for particular faults

### Generic Skills (GS)

User/individual on the job needs to know how to:

- GS1.** Read and write in English/ local language as applicable
- GS2.** Maintain appropriate technical forms, process charts, activity logs in the prescribed format of the company
- GS3.** Read and understand manuals, health and safety instructions, memos, reports, job cards etc.
- GS4.** Listen actively and communicate effectively with supervisors, managers, colleagues etc
- GS5.** Set up an efficient work place
- GS6.** Use inspection methods appropriate to the work to identify faults, their causes and probable method of rectification
- GS7.** Apply the allowed tolerances
- GS8.** Differentiate between correctable and non-correctable faults
- GS9.** Identify various hand embroidery tools, their maintenance requirements and procedure
- GS10.** Understand handling techniques for different materials

## Assessment Criteria

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<i>Contribute to achieving the product quality in embroidery work</i>	10	40	-	15
PC1. Identify and use materials required based on the specifications	1	4	-	2
PC2. Take necessary action when materials do not conform to quality standards and report and replace faulty materials and/or component parts to the authorized personnel	1	4	-	1
PC3. Identify faults and take appropriate action for modifiable defects and rework on them	1	8	-	2
PC4. Carryout work safely at a rate which maintains work flow, productivity and quality; and report any deviations to the authorized personnel	1	3	-	2
PC5. Carry out quality checks at specified intervals according to instructions to test, sort, track feed and examine work in progress	2	6	-	2
PC6. Apply the allowed tolerances and make prompt adjustments to ensure the embroidery work matches the specification	1	5	-	2
PC7. Check the materials and components (both raw and finished) for any crease, stain or other damage/fault	2	5	-	2
PC8. Complete and maintain relevant documentation	1	5	-	2
<b>NOS Total</b>	<b>10</b>	<b>40</b>	<b>-</b>	<b>15</b>

### National Occupational Standards (NOS) Parameters

<b>NOS Code</b>	AMH/N1003
<b>NOS Name</b>	Contribute to achieve quality in embroidery work
<b>Sector</b>	Apparel
<b>Sub-Sector</b>	Apparel
<b>Occupation</b>	Generic
<b>NSQF Level</b>	4
<b>Credits</b>	TBD
<b>Version</b>	4.0
<b>Last Reviewed Date</b>	27/01/2022
<b>Next Review Date</b>	30/12/2024
<b>NSQC Clearance Date</b>	30/12/2021

### Assessment Guidelines and Assessment Weightage

#### Assessment Guidelines

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 this 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.

**Minimum Aggregate Passing % at QP Level : 70**

**(Please note: Every Trainee should score a minimum aggregate passing percentage as specified above, to**

successfully clear the Qualification Pack assessment.)

## Assessment Weightage

### Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
AMH/N0102..Maintain workarea, tools and machines and Greening of Job Roles	14	49	-	7	70	16
AMH/N0103.Maintain health, safety and secure work place with Gender and PwD Sensitization	22	12	-	6	40	9
AMH/N0104.Comply with industry, regulatory and organizational requirements and Greening of Job roles	20	10	0	10	40	9
AMH/N1010.Plan Organize and Carry out the process of hand embroidery	15	50	15	10	90	20
AMH/N1011.Embroider decorative designs using a combination of stitches & work styles as per customer requirements	15	65	30	10	120	27
AMH/N1003.Contribute to achieve quality in embroidery work	10	40	-	15	65	19
<b>Total</b>	<b>96</b>	<b>226</b>	<b>0</b>	<b>58</b>	<b>425</b>	<b>100</b>



## Acronyms

<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
<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 organisation.
<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 organisational 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.
<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 Standard</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 (K)</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>Organizational Context</b>	Organizational context includes the way the organization 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 (G)</b>	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's working environment. 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